PRELIMINARY REPORT OF 060605

last update on Mon Jun 5 16:43:14 GMT 2006

1 - Introduction

This report is based on the analysis of wave mode level-1 cross spectra (ASA_WVS_1P), global monitoring products (ASA_GM1_1P), which are the available few hours after the acquisition, on the browse (BP) products and
on the Module Stepping (MS) product.

2 - Summary

2.1 - Instrument Unavailability

No unavailabilities during the reported period.

2.2 - Auxiliary files

Summary of the auxiliary files used from 2006-06-04 00:00:00 to 2006-06-05 16:43:14

PDHS-K					
AUXILIARY FILE	**WVS**	**GM1**	**IMM**	**APM**	**WSM**

ASA_CON_AXVIEC20051013_151540_20050916_195733_20061231_000000	47	68	10	0	15
ASA_XCA_AXVIEC20051219_162245_20050916_195733_20061231_000000	47	68	10	0	15
ASA_INS_AXVIEC20051219_161945_20030211_000000_20061231_000000	47	68	10	0	15
ASA_XCH_AXVIEC20051219_162547_20020301_000000_20081231_000000	47	68	10	0	15

PDHS-E					
AUXILIARY FILE	**WVS**	**GM1**	**IMM**	**APM**	**WSM**
ASA_CON_AXVIEC20051013_151540_20050916_195733_20061231_000000	35	46	24	21	59
ASA_XCA_AXVIEC20051219_162245_20050916_195733_20061231_000000	35	46	24	21	59
ASA_INS_AXVIEC20051219_161945_20030211_000000_20061231_000000	35	46	24	21	59
ASA_XCH_AXVIEC20051219_162547_20020301_000000_20081231_000000	35	46	24	21	59

2.3 - Browse Visual Inspection

2.4 - Data Analysis

-Stable wave internal calibration pulses gain and phase.
-Stable raw data statistics.
-Nominal Doppler behavior.

3 - Module Stepping Mode

No anomalies observed on available MS products:

Polarisation	Start Time
V	20060603 064401
H	20060604 061224

MSM in V/V polarisation

Pre-launch Reference	DDS-B (2003-06-12) reference

MSM in H/H polarisation

Pre-launch Reference	DDS-B (2003-06-12) reference
☒	☒
☒	☒
☒	☒
☒	☒

4 - Internal calibration Results

No anomalies observed.

4.1 - Daily statistics

4.1.1 - Evolution for WVS

Evolution of cal pulses for WVS
☒
☒

4.1.2 - Evolution for GM1

Evolution of cal pulses for GM1
☒
☒

4.2 - Cyclic statistics

4.2.1 - Evolution for WVS

Evolution of cal pulses for WVS
☒

P1a Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)

P1 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P1	-3.953166	0.017319	0.058055
7	P1	-3.110902	0.016615	-0.047211
11	P1	-4.108783	0.018090	0.012483
15	P1	-6.135273	0.019913	0.002779
19	P1	-3.324407	0.008432	-0.041599
22	P1	-4.516807	0.011368	0.032456
26	P1	-3.983225	0.018364	0.047491
30	P1	-5.747078	0.008427	0.022499
3	P1	-16.563477	0.261456	0.167465
7	P1	-17.158655	0.148580	-0.145087
11	P1	-16.929243	0.313799	-0.041974
15	P1	-13.210995	0.214917	0.020256
19	P1	-14.270672	0.048105	-0.094482
22	P1	-16.158859	0.383261	-0.003544
26	P1	-15.261765	0.247309	0.095582
30	P1	-17.033194	0.376093	-0.203133

P2 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P2	-21.200172	0.080929	0.148238
7	P2	-22.082397	0.097014	0.161678
11	P2	-15.928126	0.109777	0.139611
15	P2	-7.161797	0.091769	0.036513
19	P2	-9.164817	0.084510	0.006340
22	P2	-18.126925	0.082320	-0.062890
26	P2	-16.371038	0.087290	-0.040213
30	P2	-19.575047	0.085250	0.083601

P3 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P3	-8.184992	0.004027	0.028425
7	P3	-8.184992	0.004027	0.028425
11	P3	-8.184992	0.004027	0.028425
15	P3	-8.184992	0.004027	0.028425
19	P3	-8.184992	0.004027	0.028425
22	P3	-8.184992	0.004027	0.028425
26	P3	-8.184992	0.004027	0.028425
30	P3	-8.184992	0.004027	0.028425

4.2.2 - Evolution for GM1

Evolution of cal pulses for GM1


P1a Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)

P1 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P1	-3.778882	0.064550	-0.074437
7	P1	-2.603798	0.031954	0.046738
11	P1	-2.865560	0.023869	0.004281
15	P1	-3.499208	0.049298	-0.030241
19	P1	-3.396703	0.014068	-0.013658
22	P1	-5.086871	0.020000	0.017384
26	P1	-5.838151	0.015519	-0.007810
30	P1	-5.186917	0.026625	0.022602
3	P1	-11.615645	0.080841	-0.027444
7	P1	-9.964298	0.054078	0.019340
11	P1	-10.202431	0.085239	-0.017079
15	P1	-10.629848	0.149583	-0.104116
19	P1	-15.509337	0.076030	-0.046373
22	P1	-20.887375	1.233868	-0.042891
26	P1	-16.477320	0.353739	0.056607
30	P1	-18.003309	0.389562	0.264605

P2 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P2	-16.886955	0.065740	0.119673
7	P2	-22.511505	0.124469	0.085683
11	P2	-11.176910	0.044386	0.068014
15	P2	-4.903937	0.045099	-0.004846
19	P2	-6.875113	0.044904	0.010189
22	P2	-8.193957	0.040131	-0.020227
26	P2	-24.107595	0.063272	-0.041137
30	P2	-22.061966	0.051455	0.004666

P3 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P3	-8.018033	0.004605	0.027515
7	P3	-8.018133	0.004598	0.027597
11	P3	-8.018088	0.004585	0.027593
15	P3	-8.017970	0.004594	0.027247
19	P3	-8.018073	0.004597	0.027460
22	P3	-8.018123	0.004584	0.027345
26	P3	-8.018067	0.004585	0.026955
30	P3	-8.018008	0.004596	0.027355

4.3 - cal pulses monitoring (all rows)

4.3.1 - Evolution for WVS

☒

4.3.2 - Evolution for GM1

☒

5 - RAW data statistics

No anomalies observed.

5.1 - Input mean I/Q

channel	stat	DSS-B
MEAN I	mean	0.000528042
	stdev	1.92439e-07
MEAN Q	mean	0.000507969
	stdev	2.31303e-07

5.2 - Input stdev I/Q

channel	stat	DSS-B
STDEV I	mean	0.133762
	stdev	0.00119503
STDEV Q	mean	0.134100
	stdev	0.00121172

5.3 - Gain imbalance I/Q

6 - Telemetry analysis

Summary of analysis for the last 3 days 2006060[345]
The assumptions is taken that the SQADS num_gaps and num_missing_lines fields are reliable indicators of telemetry problems

Filename	num_gaps	num_missing_lines
ASA_WSM_1PNPDE20060603_035851_000000852048_00162_22260_2386.N1	0	39
ASA_WSM_1PNPDE20060603_112210_000002262048_00166_22264_2437.N1	0	64
ASA_WSM_1PNPDE20060604_165033_000000852048_00184_22282_2609.N1	0	34
ASA_WSM_1PNPDE20060604_183353_000000852048_00185_22283_2624.N1	0	39
ASA_WSM_1PNPDE20060605_015912_000000852048_00189_22287_2669.N1	0	63
ASA_WSM_1PNPDE20060605_043830_000001282048_00191_22289_2688.N1	0	34
ASA_WSM_1PNPDK20060604_083041_000000862048_00179_22277_6799.N1	0	71
ASA_WSM_1PNPDK20060604_133138_000002932048_00182_22280_6822.N1	0	23

7 - Doppler Analysis

Preliminary report.The data is not yet controled

7.1 - Unbiased Doppler Error for WVS

Evolution of unbiased Doppler error (Real - Expected)

Acsending

Descending

7.2 - Absolute Doppler for WVS

Evolution of Absolute Doppler

Acsending

Descending

7.3 - Doppler evolution versus ANX for WVS

Evolution Doppler error versus ANX


7.4 - Unbiased Doppler Error for GM1

Evolution of unbiased Doppler error (Real - Expected)

Acsending

Descending

7.5 - Absolute Doppler for GM1

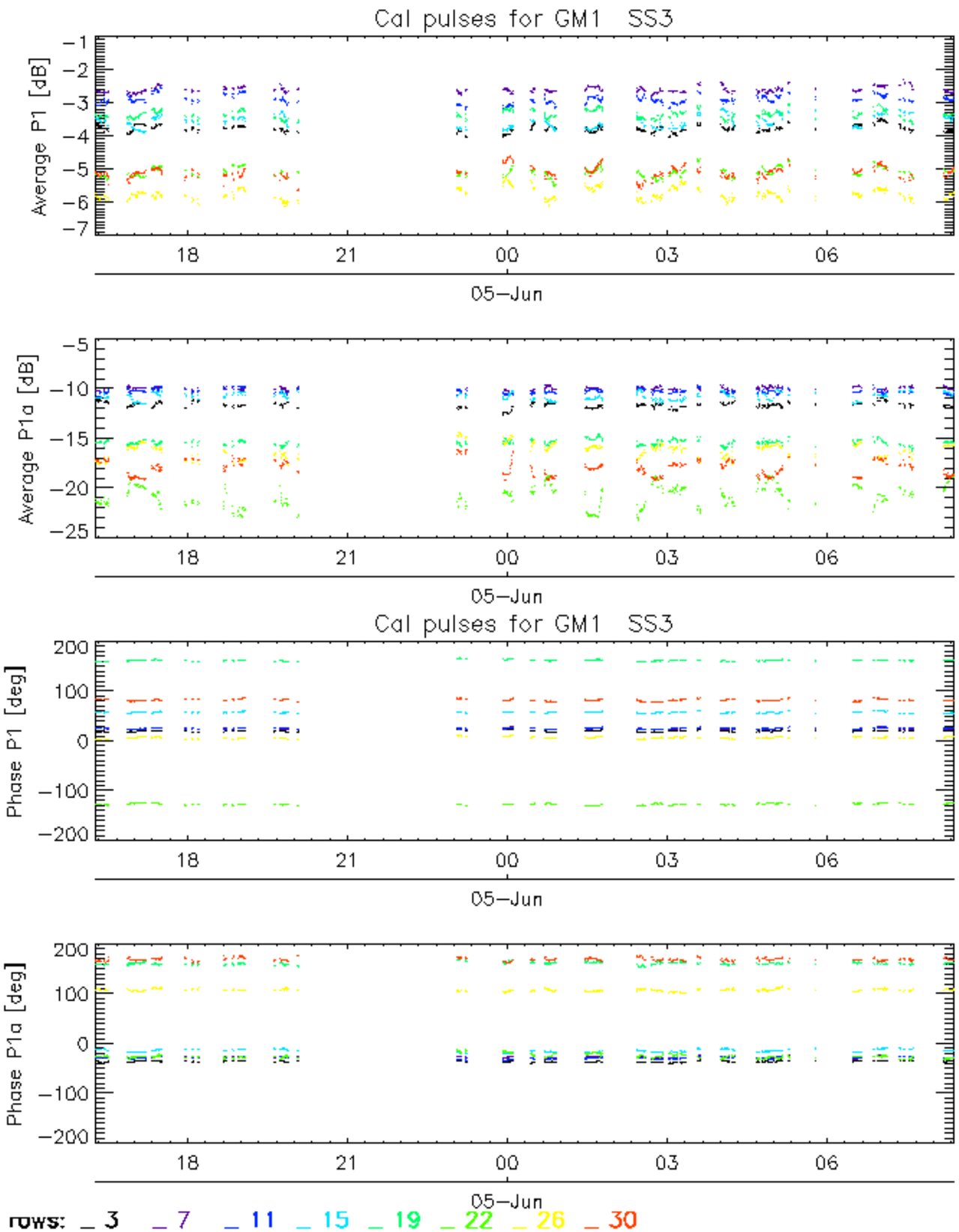
Evolution of Absolute Doppler

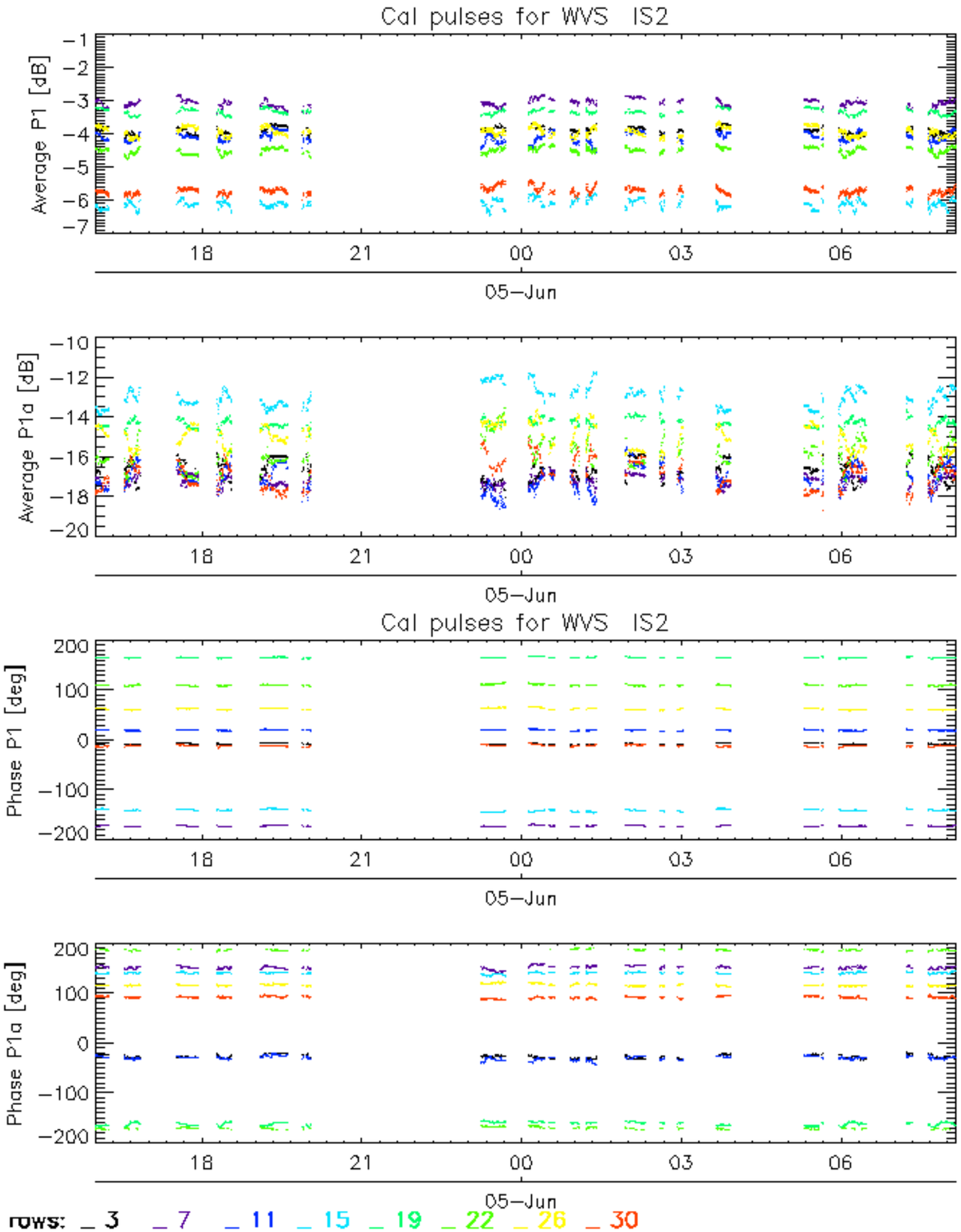
Acsending

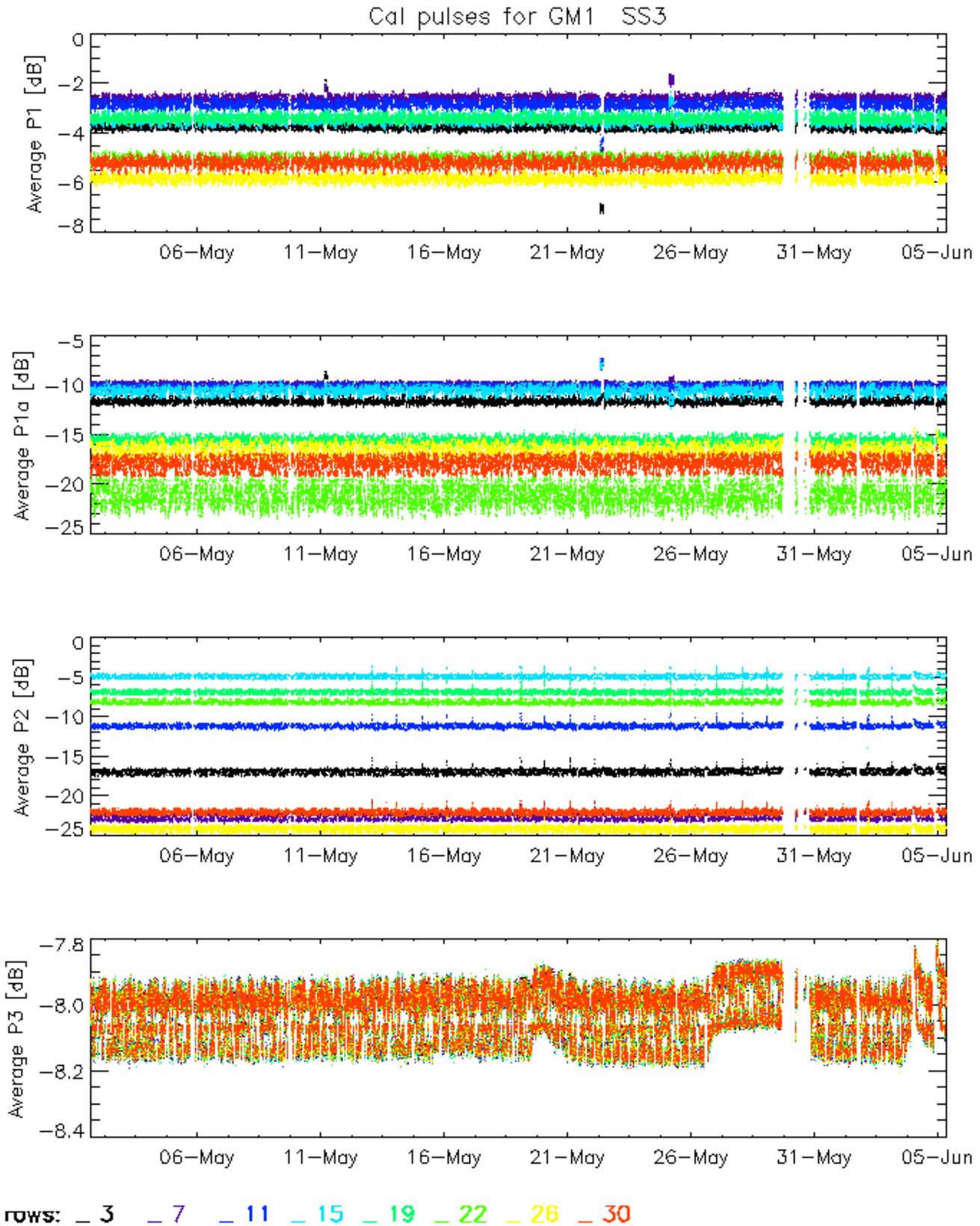
Descending

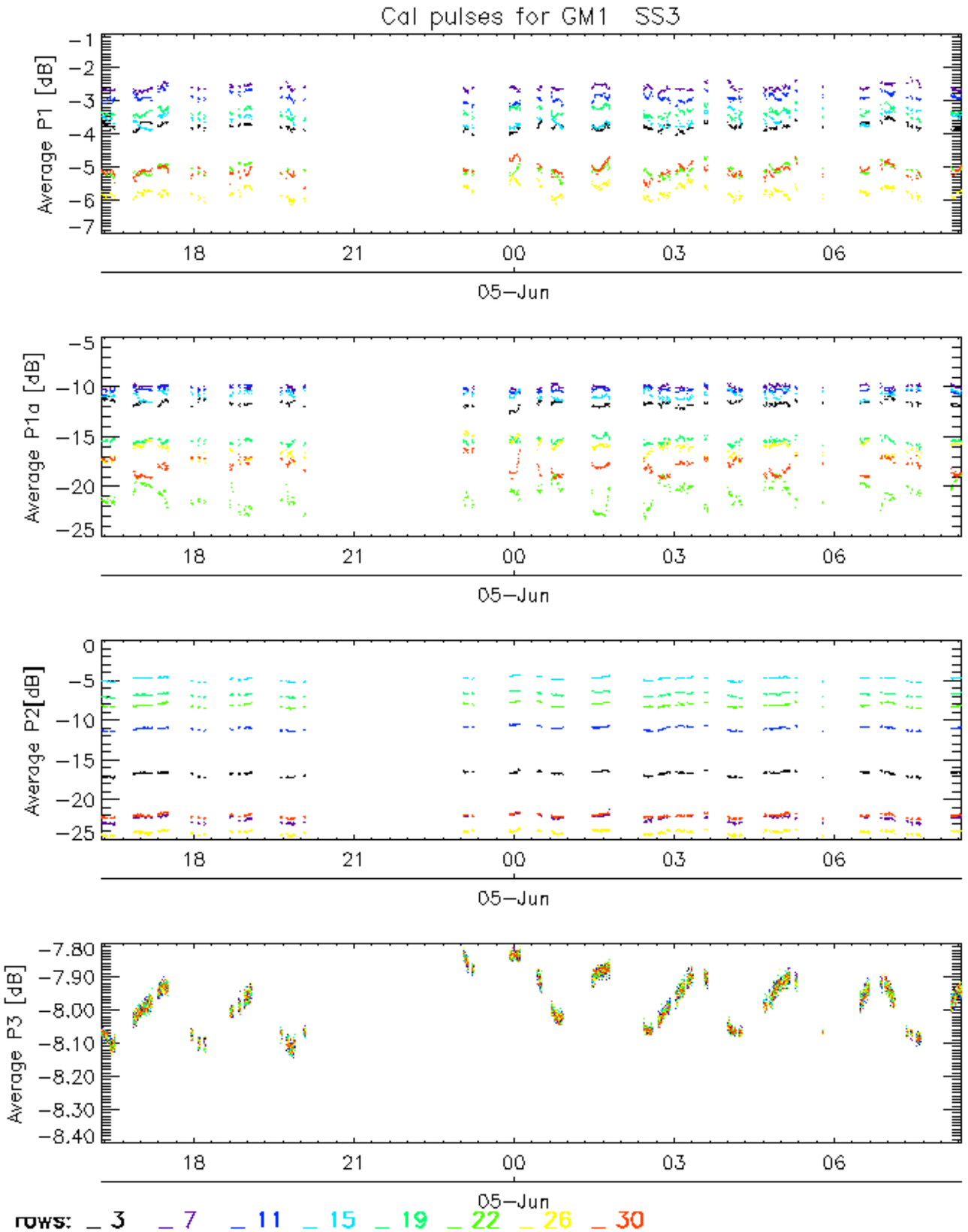
7.6 - Doppler evolution versus ANX for GM1

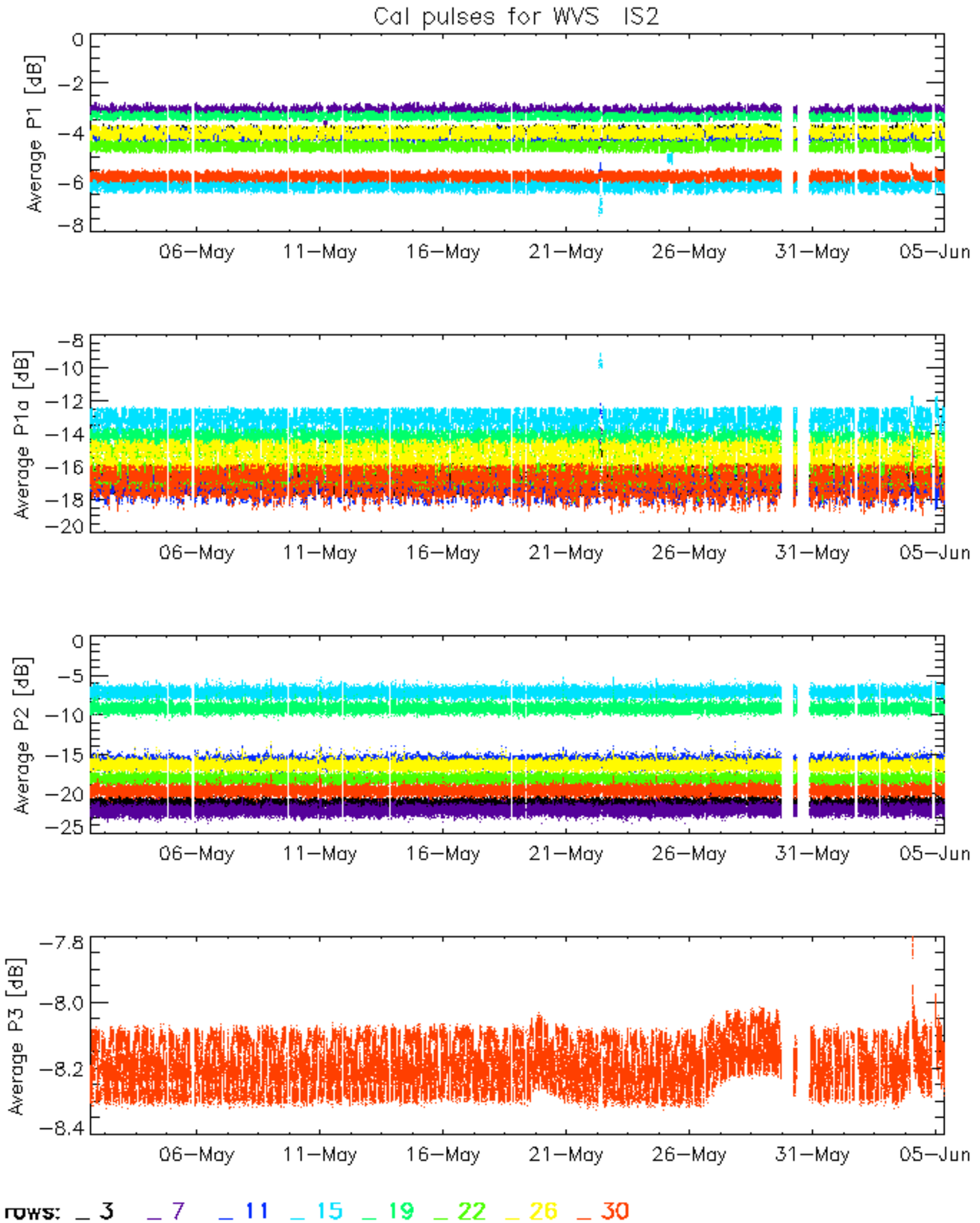
Evolution Doppler error versus ANX

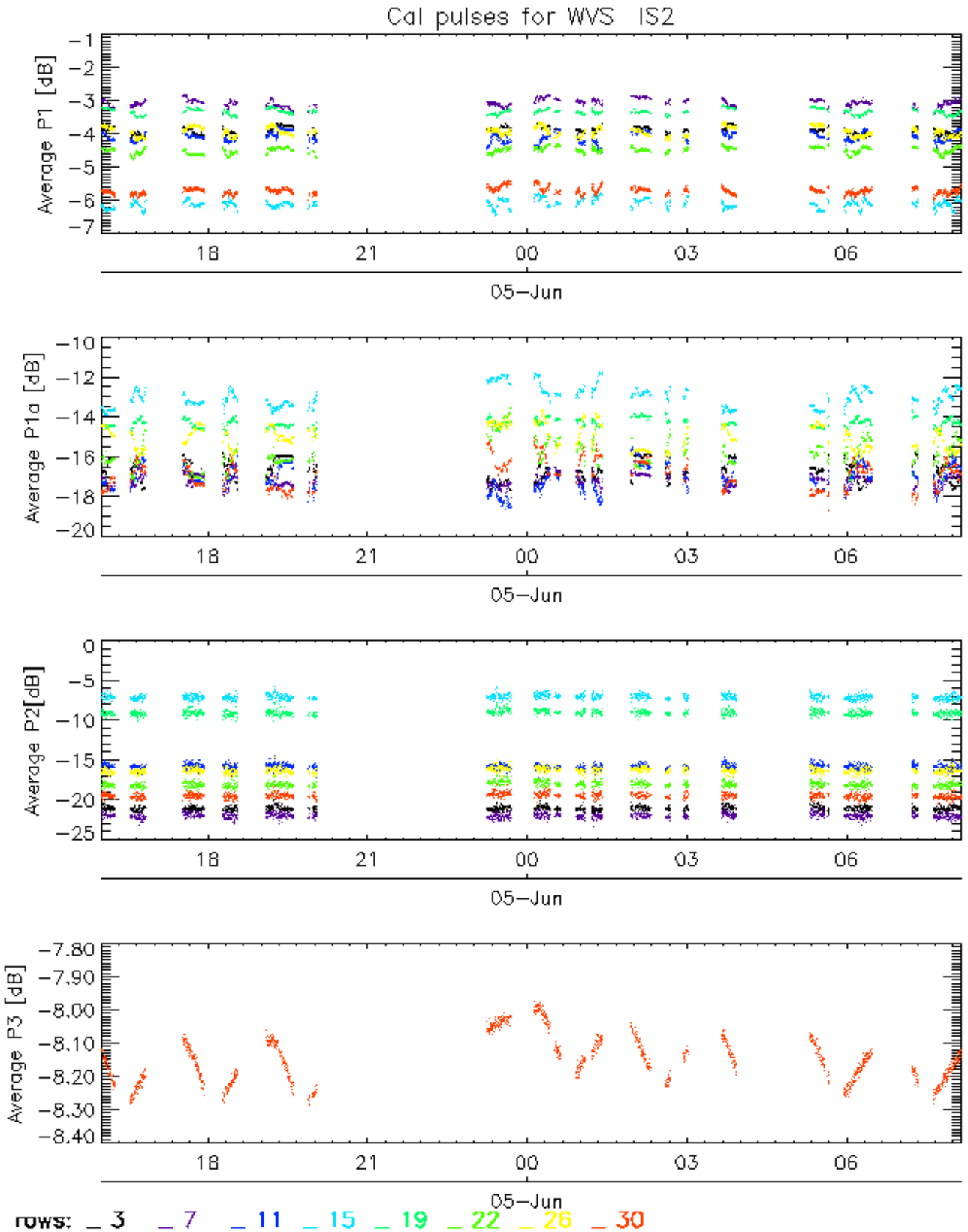


Cal pulses for GM1 SS3
Average P1 [dB]
−1
−2
−3
−4
−5
−6
−7
18
21
00
03
06
05−Jun
Average P1a [dB]
−5
−10
−15
−20
−25
18
21
00
03
06
05−Jun
Cal pulses for GM1 SS3
Phase P1 [deg]
200
100
0
−100
−200
18
21
00
03
06
05−Jun
Phase P1a [deg]
200
100
0
−100
−200
18
21
00
03
06
05−Jun
rows: _ 3 _ 7 _ 11 _ 15 _ 19 _ 22 _ 26 _ 30


Cal pulses for WVS IS2
Average P1 [dB]
−1
−2
−3
−4
−5
−6
−7
18
21
00
03
06
05−Jun
Average P1a [dB]
−10
−12
−14
−16
−18
−20
18
21
00
03
06
05−Jun
Cal pulses for WVS IS2
Phase P1 [deg]
200
100
0
−100
−200
18
21
00
03
06
05−Jun
Phase P1a [deg]
200
100
0
−100
−200
18
21
00
03
06
05−Jun
rows: 3 7 11 15 19 22 26 30

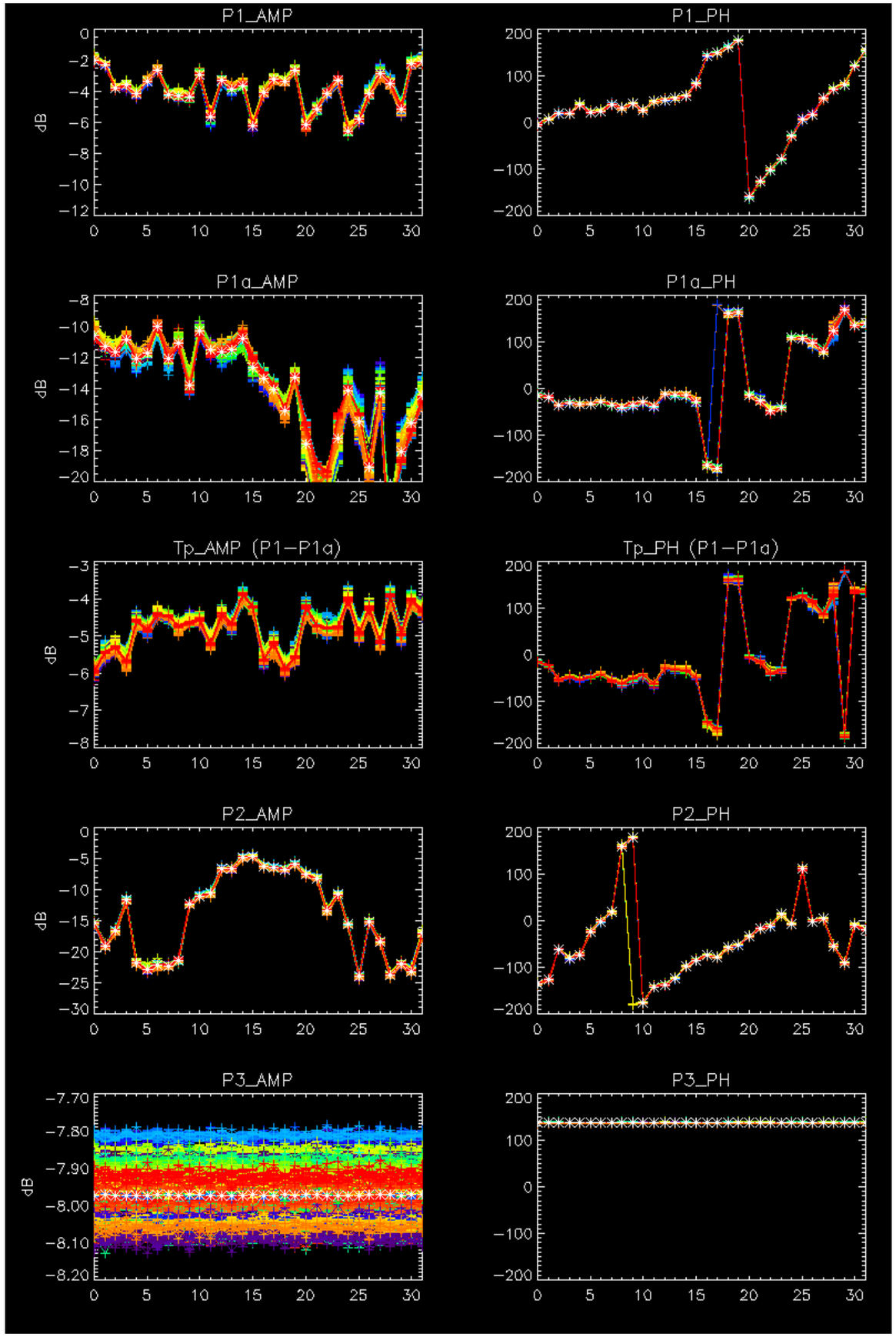

Cal pulses for GM1 SS3
Average P1 [dB]
0
−2
−4
−6
−8
Average P1a [dB]
−5
−10
−15
−20
−25
Average P2 [dB]
0
−5
−10
−15
−20
−25
Average P3 [dB]
−7.8
−8.0
−8.2
−8.4
06−May
11−May
16−May
21−May
26−May
31−May
05−Jun
rows: _ 3 _ 7 _ 11 _ 15 _ 19 _ 22 _ 26 _ 30

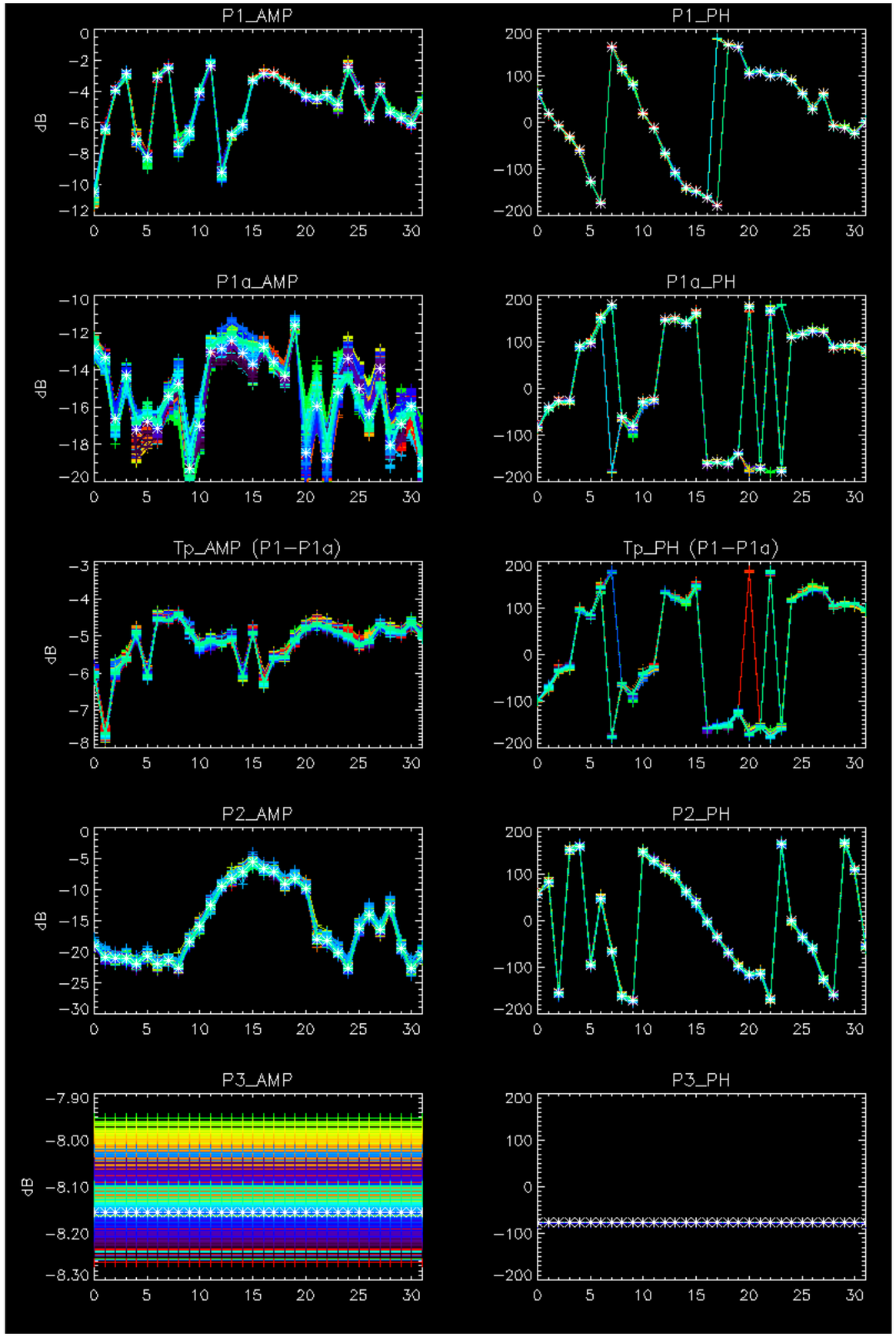

Cal pulses for GM1 SS3
Average P1 [dB]
−1
−2
−3
−4
−5
−6
−7
18
21
00
03
06
05−Jun
Average P1a [dB]
−5
−10
−15
−20
−25
18
21
00
03
06
05−Jun
Average P2[dB]
0
−5
−10
−15
−20
−25
18
21
00
03
06
05−Jun
Average P3 [dB]
−7.80
−7.90
−8.00
−8.10
−8.20
−8.30
−8.40
18
21
00
03
06
05−Jun
rows: _ 3 _ 7 _ 11 _ 15 _ 19 _ 22 _ 26 _ 30


Cal pulses for WVS IS2
Average P1 [dB]
0
−2
−4
−6
−8
06−May
11−May
16−May
21−May
26−May
31−May
05−Jun
Average P1a [dB]
−8
−10
−12
−14
−16
−18
−20
Average P2 [dB]
0
−5
−10
−15
−20
−25
Average P3 [dB]
−7.8
−8.0
−8.2
−8.4
rows: _ 3 _ 7 _ 11 _ 15 _ 19 _ 22 _ 26 _ 30


Cal pulses for WVS IS2
Average P1 [dB]
−1
−2
−3
−4
−5
−6
−7
18
21
00
03
06
05−Jun
Average P1a [dB]
−10
−12
−14
−16
−18
−20
18
21
00
03
06
05−Jun
Average P2[dB]
0
−5
−10
−15
−20
−25
18
21
00
03
06
05−Jun
Average P3 [dB]
−7.80
−7.90
−8.00
−8.10
−8.20
−8.30
−8.40
18
21
00
03
06
05−Jun
rows: _ 3 _ 7 _ 11 _ 15 _ 19 _ 22 _ 26 _ 30

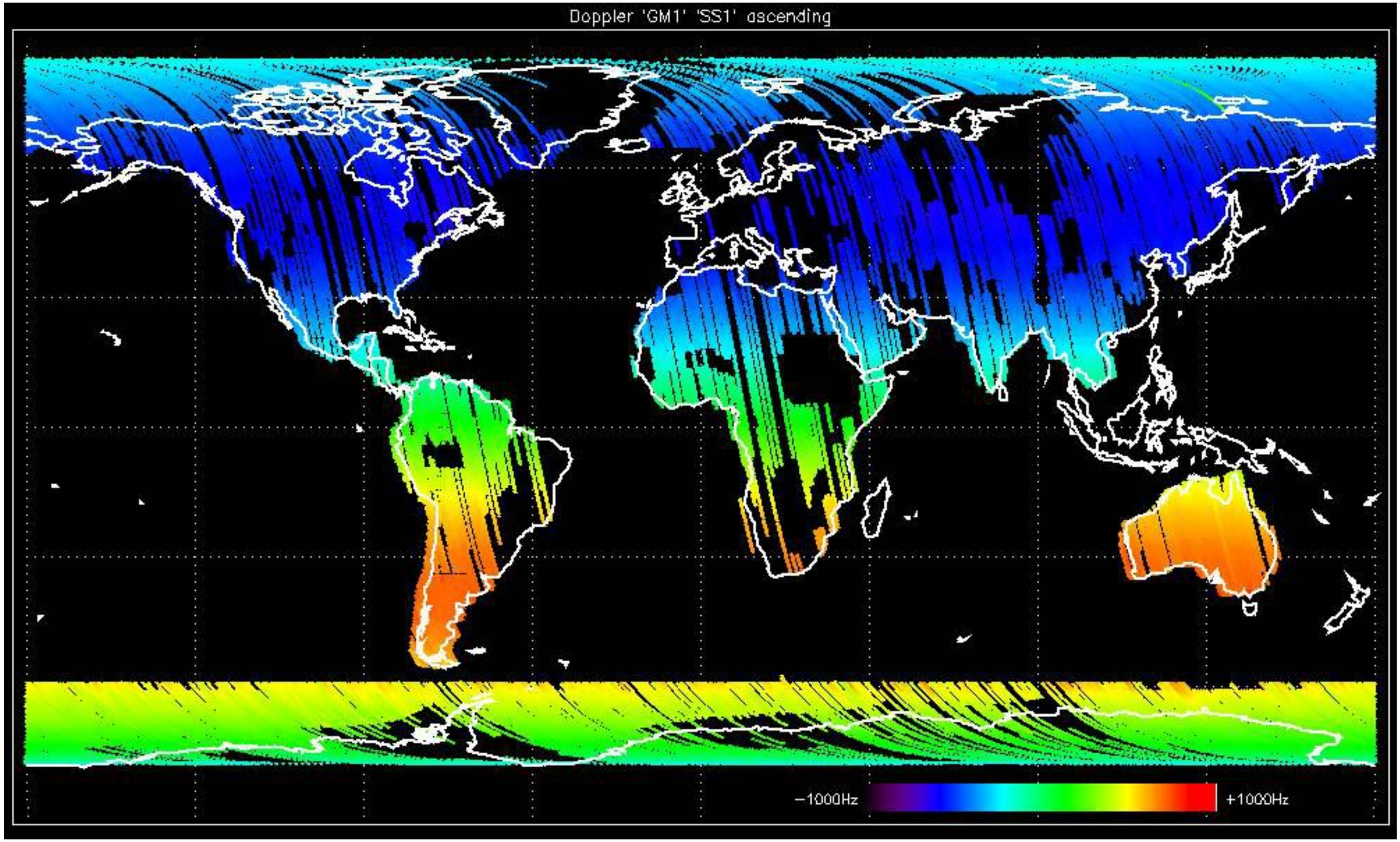
No anomalies observed.

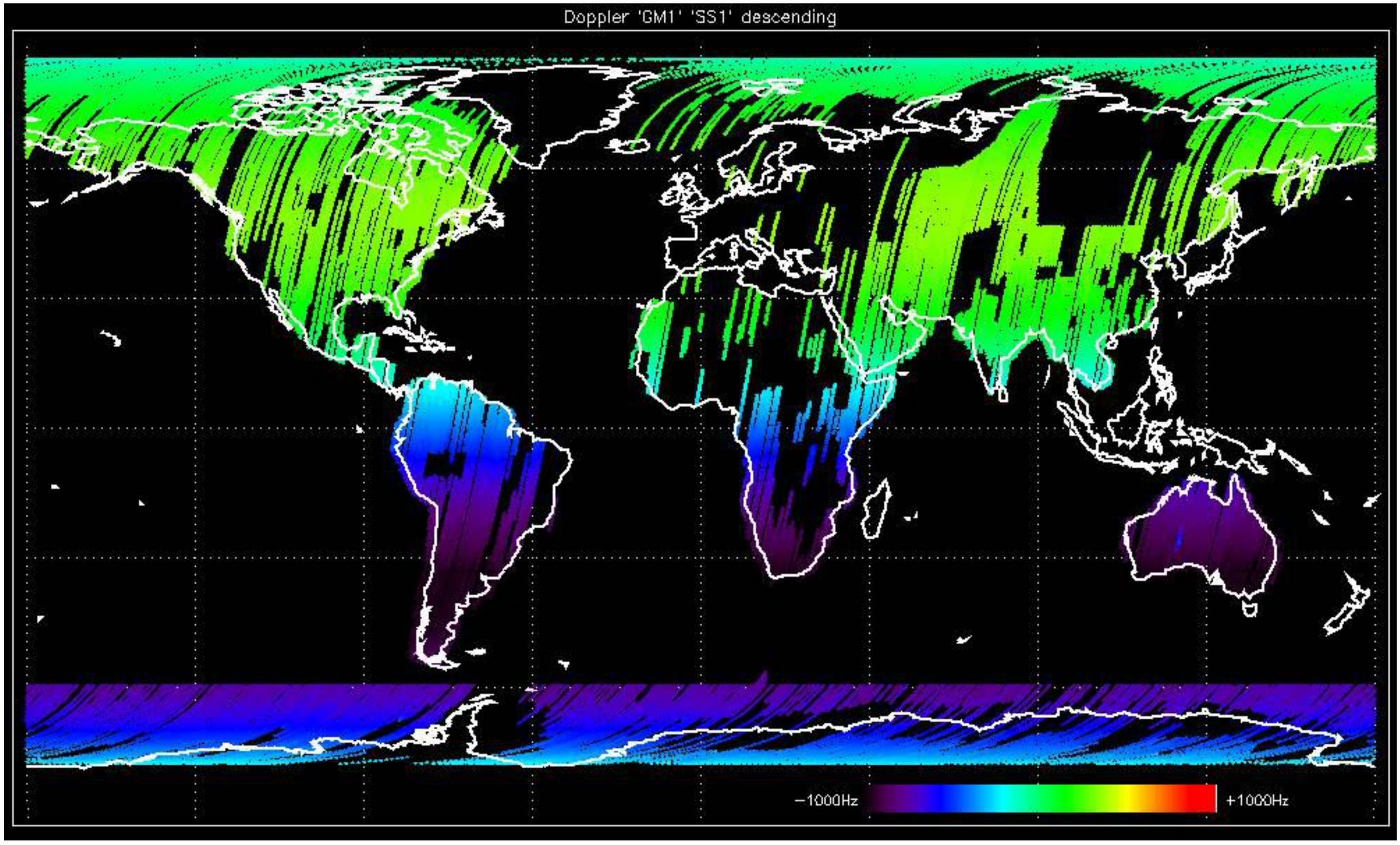

P1_AMP
dB
P1_PH
P1a_AMP
dB
P1a_PH
Tp_AMP (P1−P1a)
dB
Tp_PH (P1−P1a)
P2_AMP
dB
P2_PH
P3_AMP
dB
P3_PH

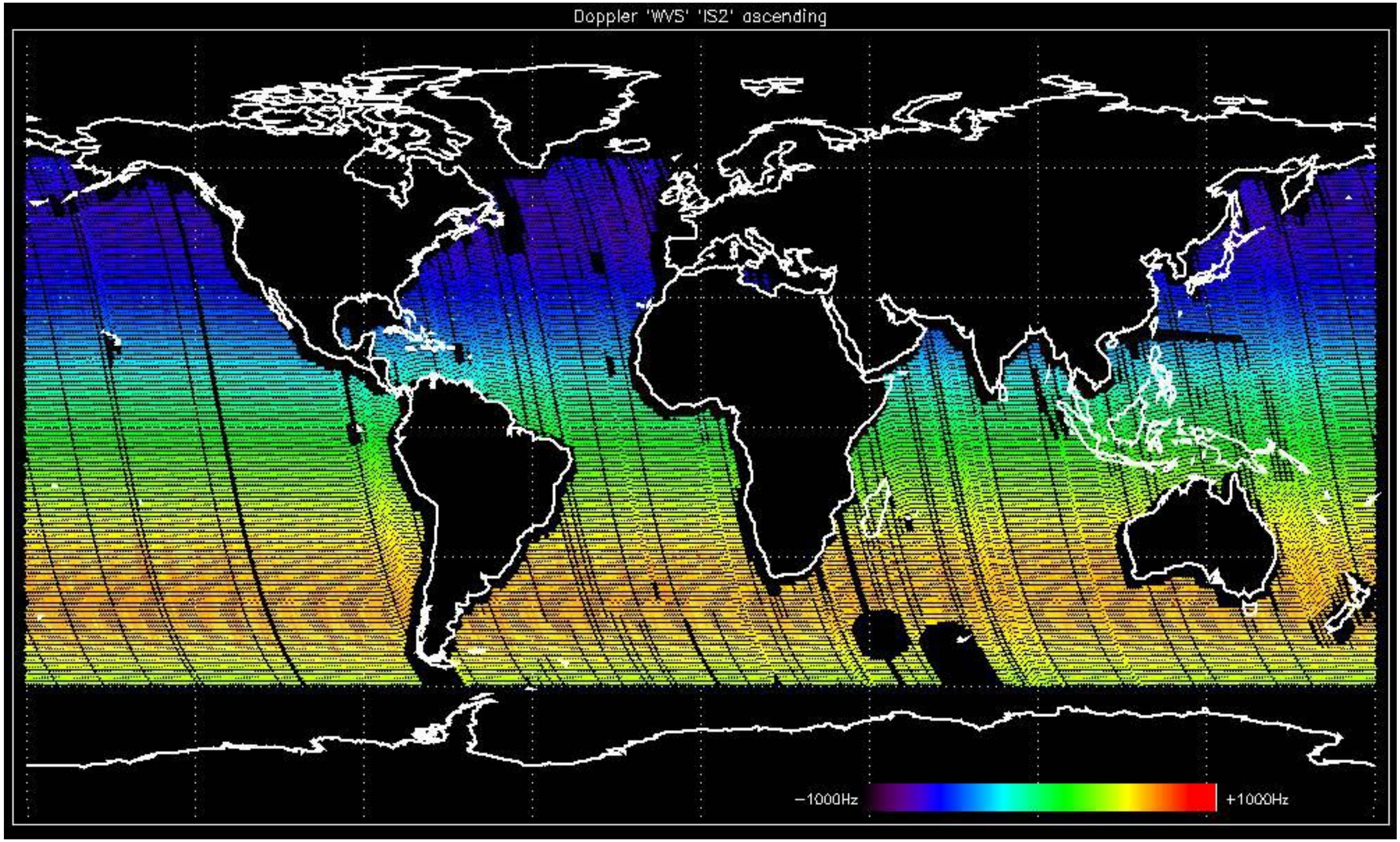

P1_AMP
P1_PH
P1a_AMP
P1a_PH
Tp_AMP (P1−P1a)
Tp_PH (P1−P1a)
P2_AMP
P2_PH
P3_AMP
P3_PH
dB

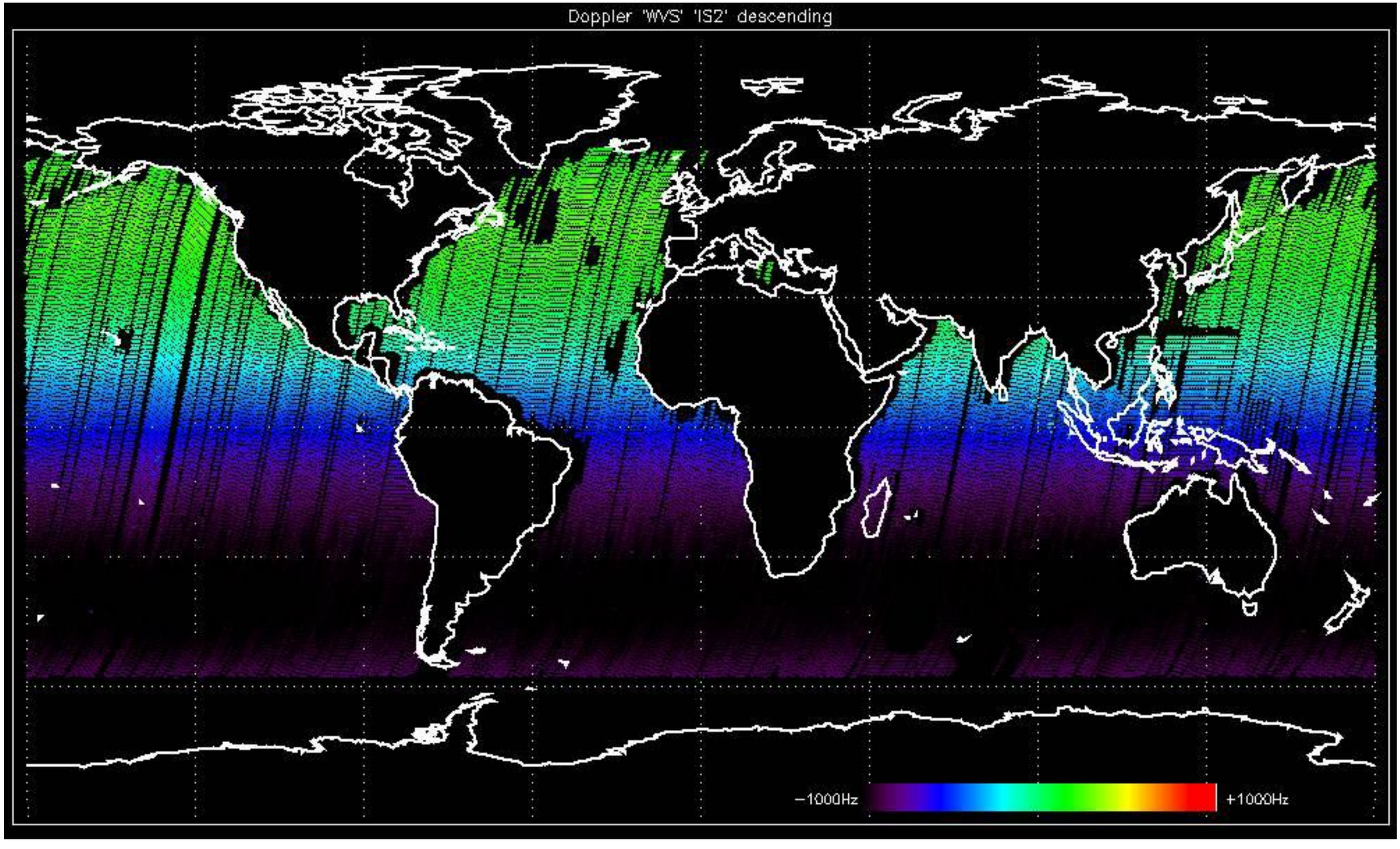
-Stable wave internal calibration pulses gain and phase.
-Stable raw data statistics.
-Nominal Doppler behavior.

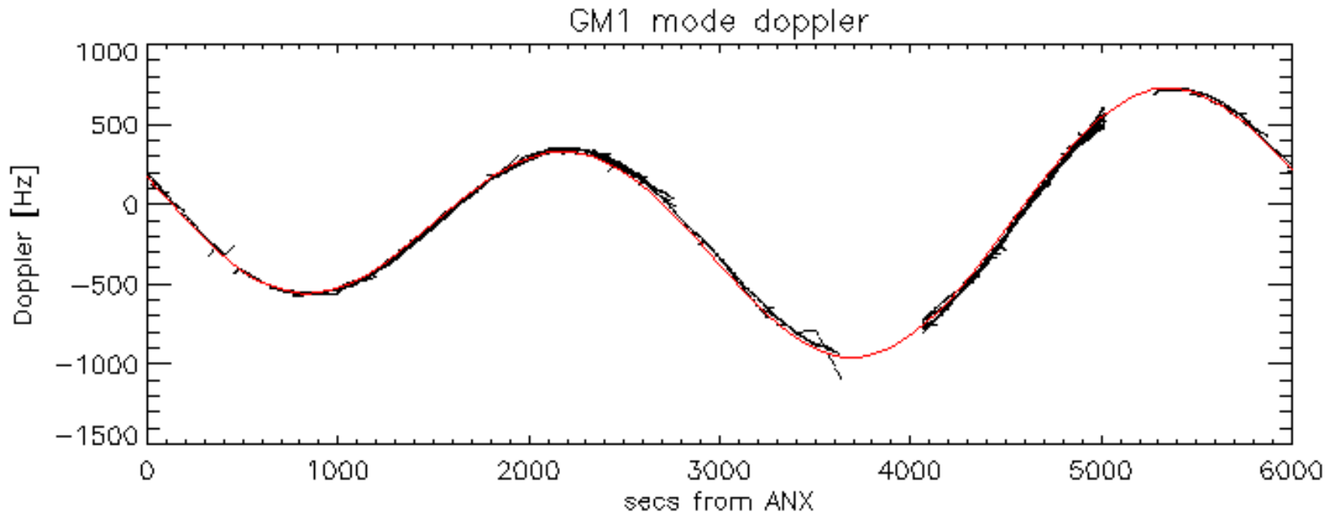
Preliminary report.The data is not yet controled

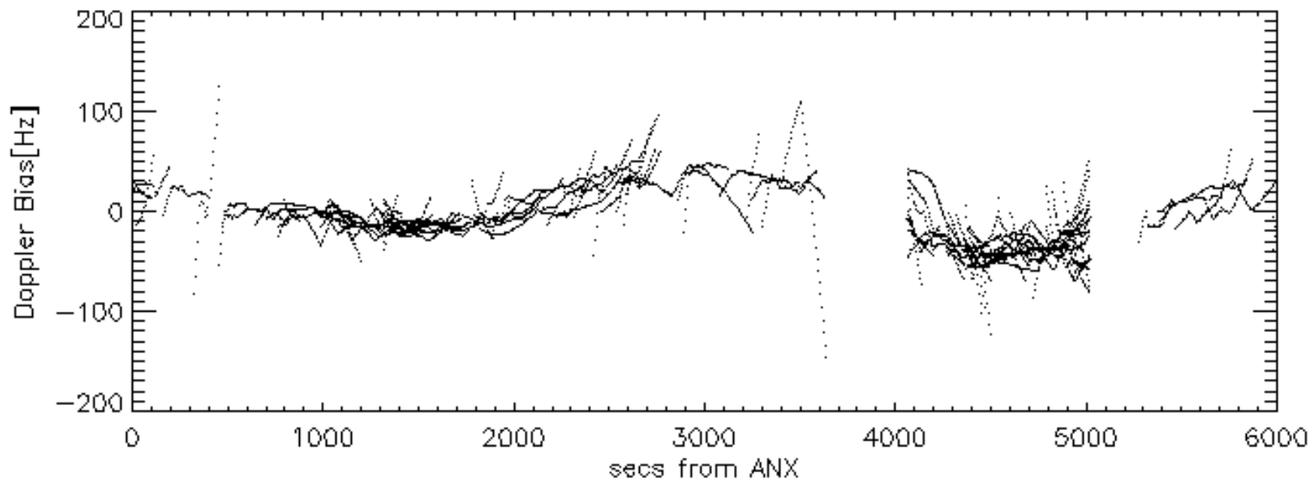

Doppler 'GM1' 'SS1' ascending
−1000Hz
+1000Hz

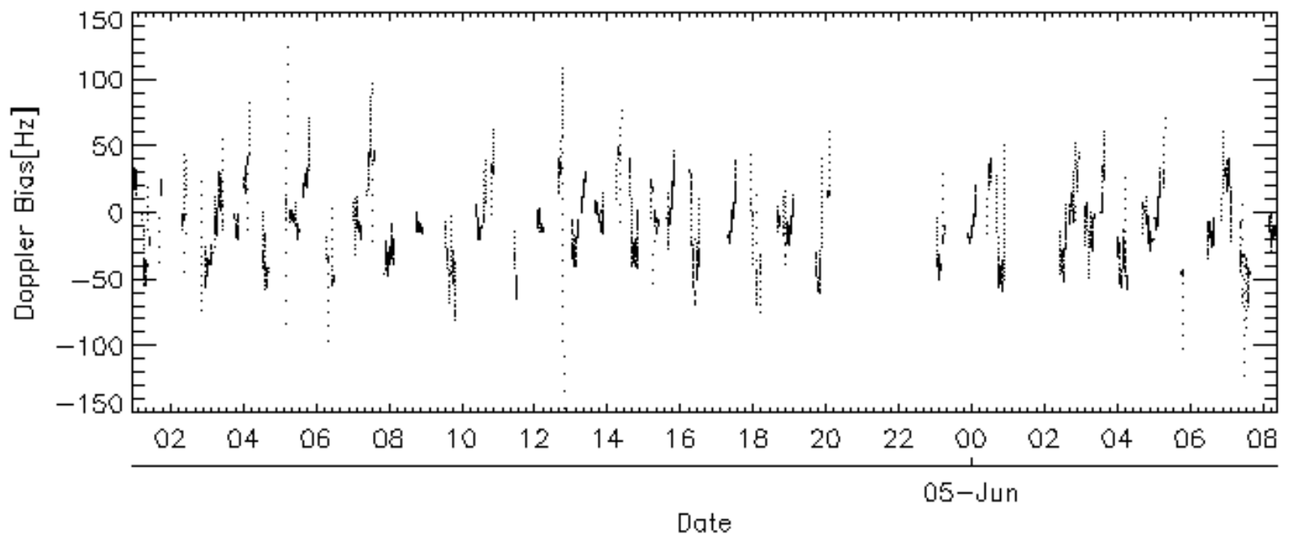

Doppler 'GM1' 'SS1' descending
−1000Hz
+1000Hz

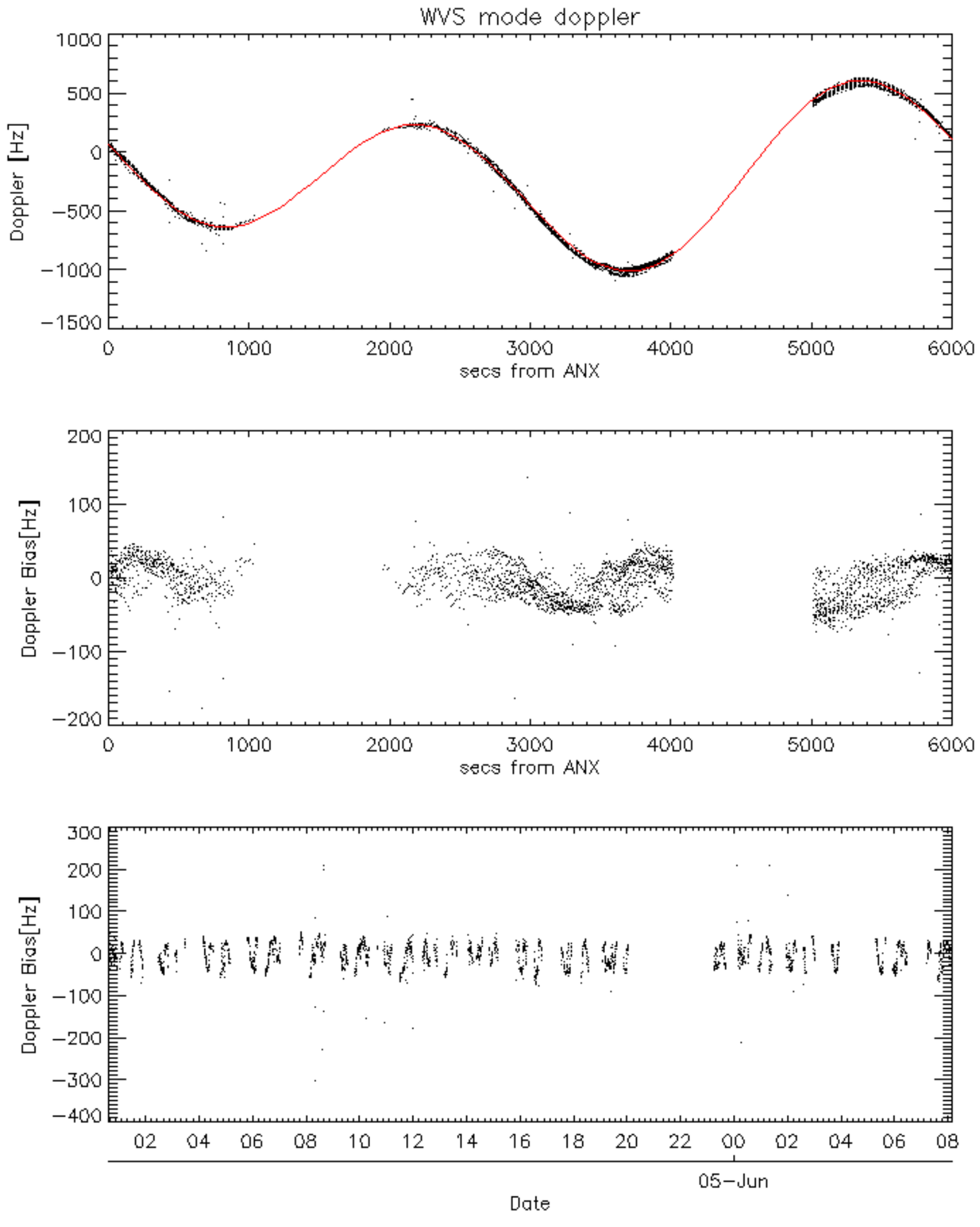

Doppler 'WVS' 'IS2' ascending
−1000Hz
+1000Hz

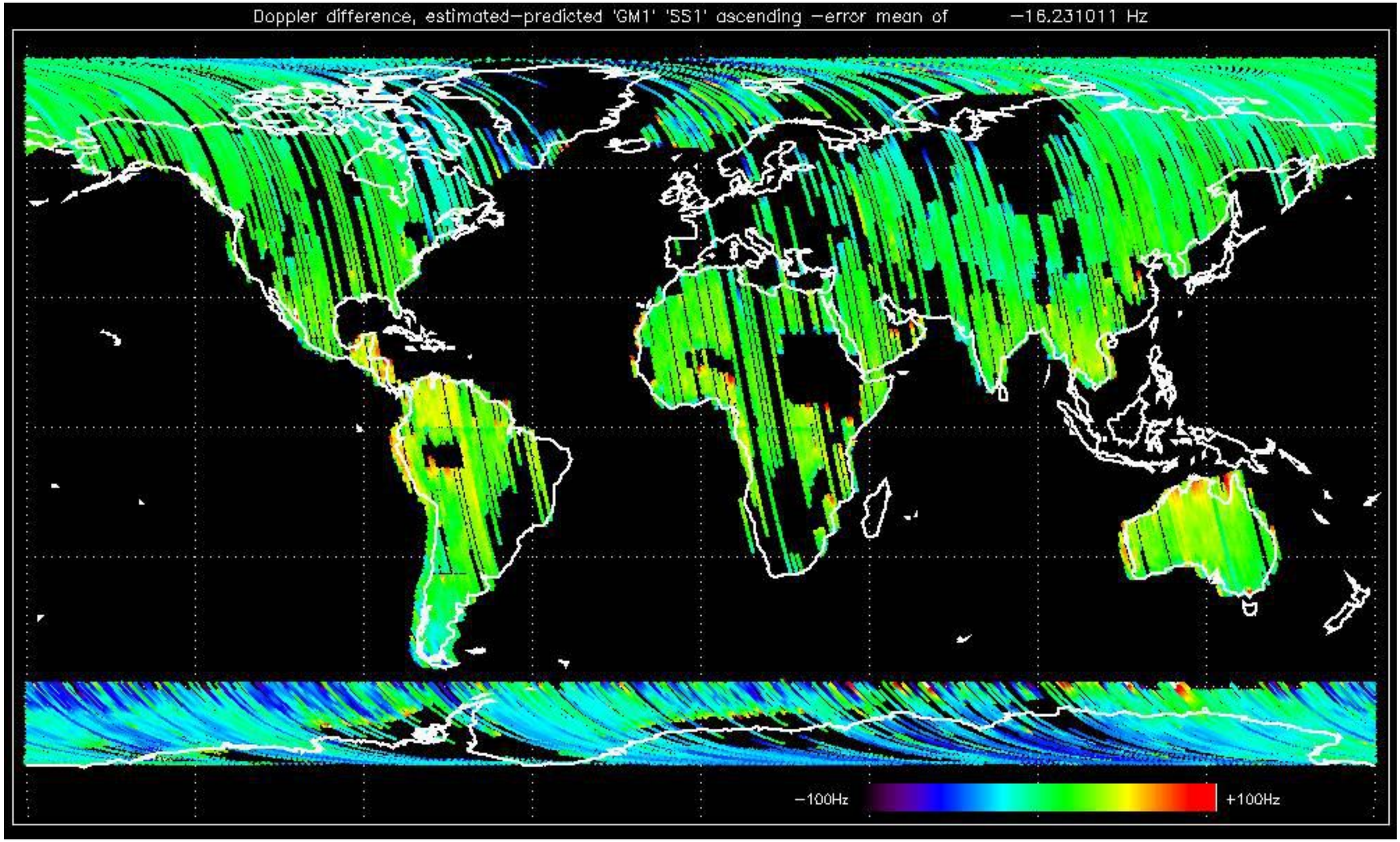

Doppler 'WVS' 'IS2' descending
−1000Hz
+1000Hz

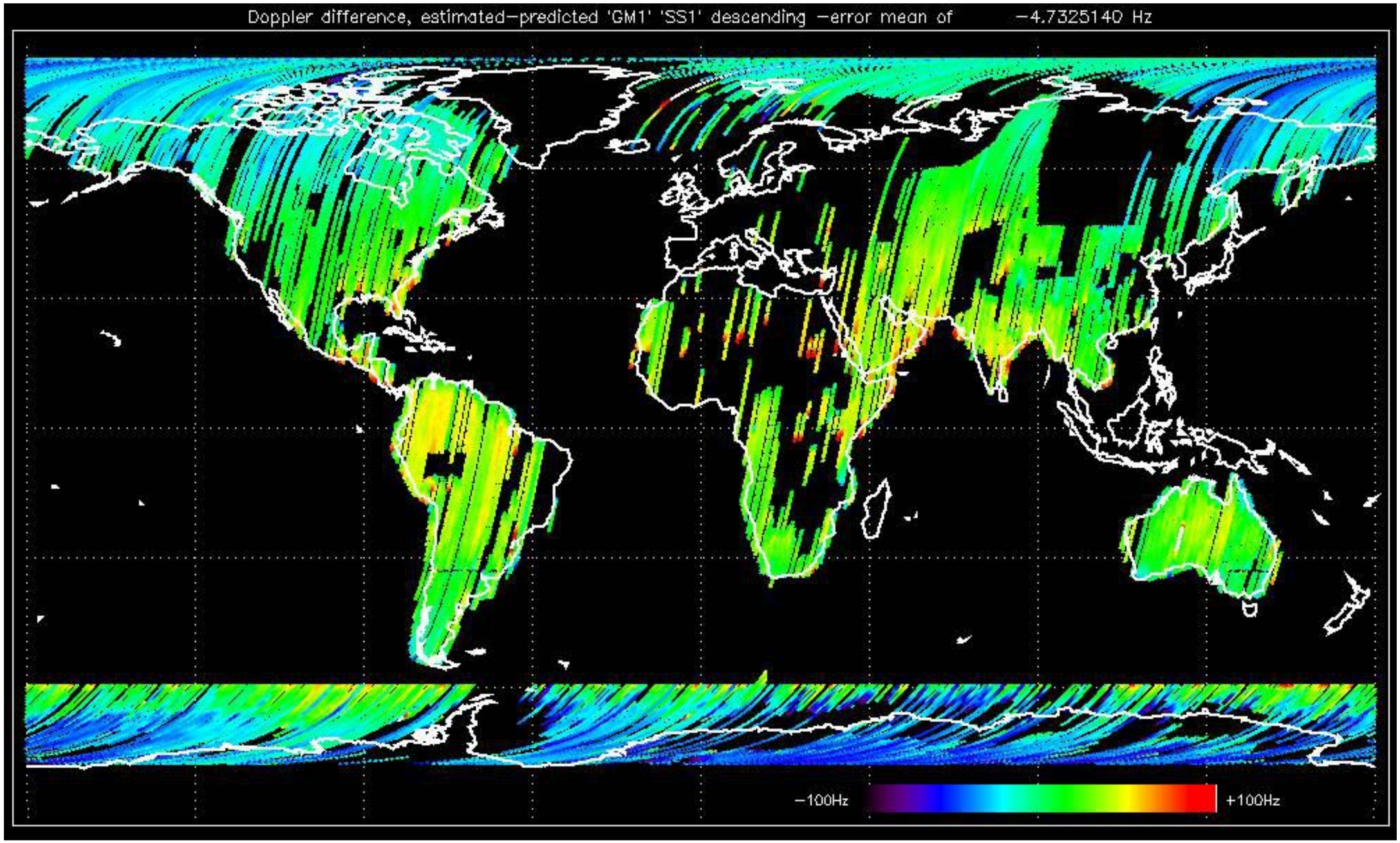

GM1 mode doppler
Doppler [Hz]
1000
500
0
−500
−1000
−1500
0
1000
2000
3000
4000
5000
6000
secs from ANX

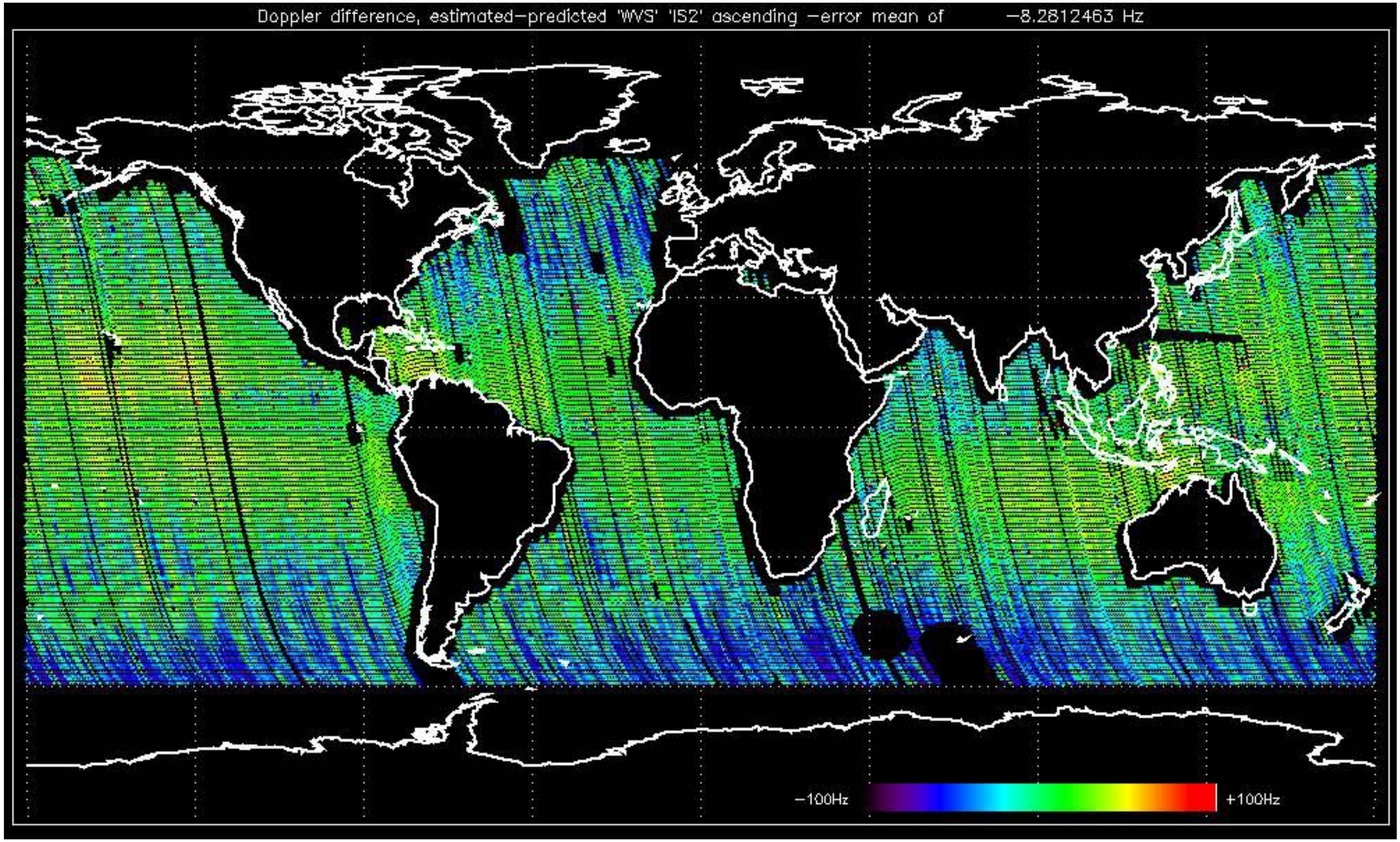

Doppler Bias[Hz]
200
100
0
−100
−200
0
1000
2000
3000
4000
5000
6000
secs from ANX

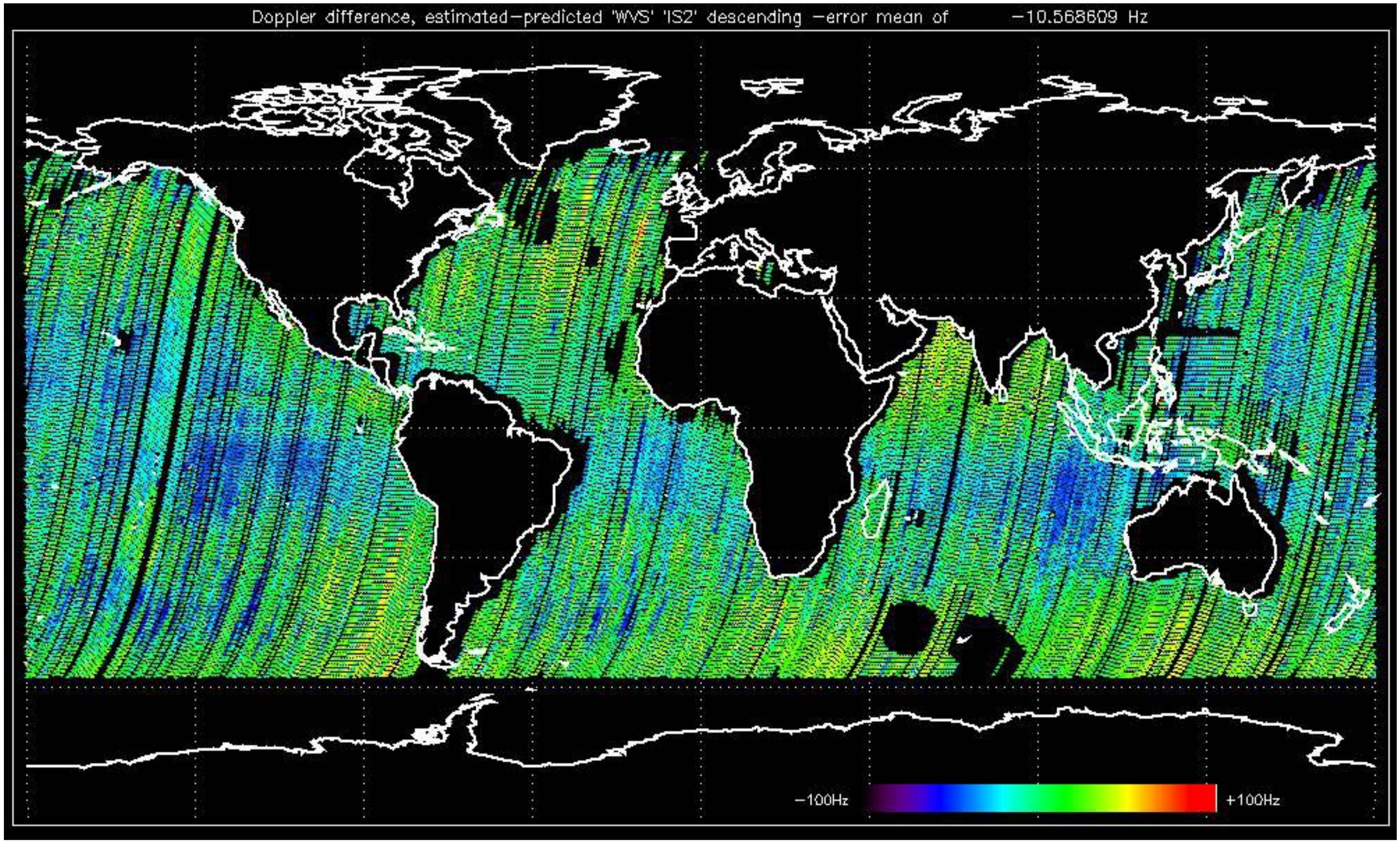

Doppler Bias[Hz]
150
100
50
0
−50
−100
−150
02
04
06
08
10
12
14
16
18
20
22
00
02
04
06
08
05−Jun
Date


WVS mode doppler
Doppler [Hz]
1000
500
0
−500
−1000
−1500
0
1000
2000
3000
4000
5000
6000
secs from ANX
Doppler Bias[Hz]
200
100
0
−100
−200
0
1000
2000
3000
4000
5000
6000
secs from ANX
Doppler Bias[Hz]
300
200
100
0
−100
−200
−300
−400
02
04
06
08
10
12
14
16
18
20
22
00
02
04
06
08
05−Jun
Date


Doppler difference, estimated−predicted 'GM1' 'SS1' ascending −error mean of −16.231011 Hz
−100Hz
+100Hz

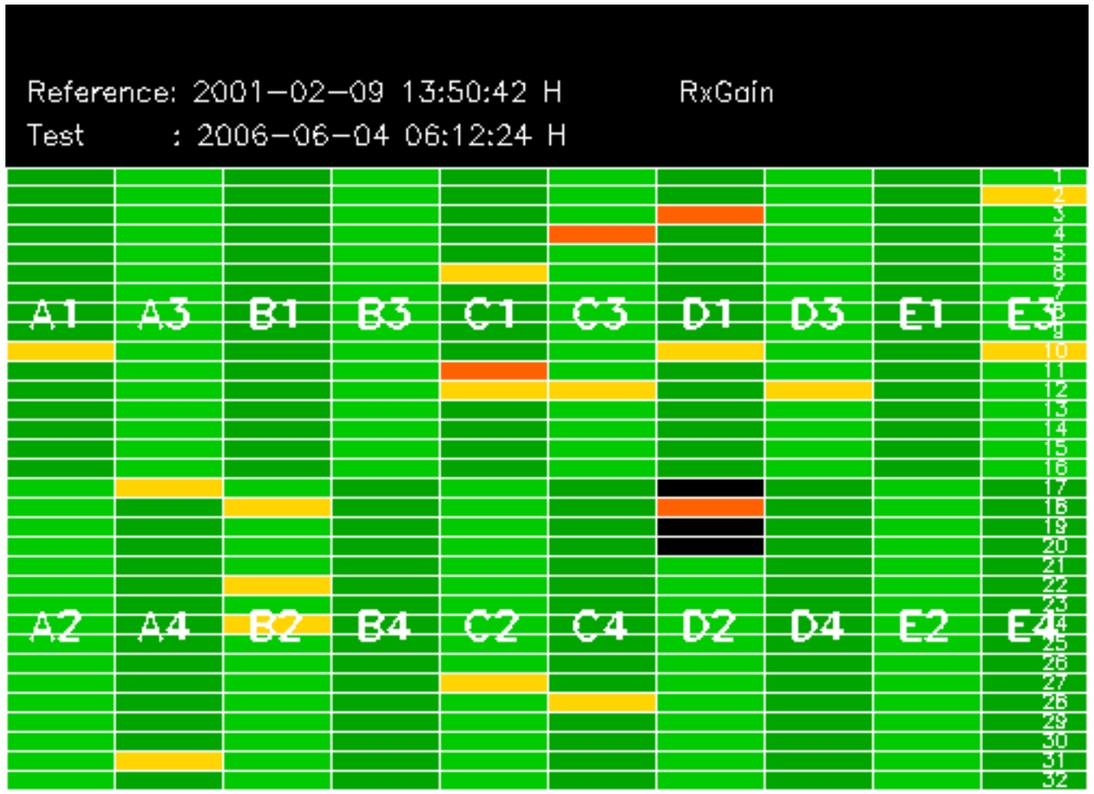

Doppler difference, estimated−predicted 'GM1' 'SS1' descending −error mean of −4.7325140 Hz
−100Hz
+100Hz

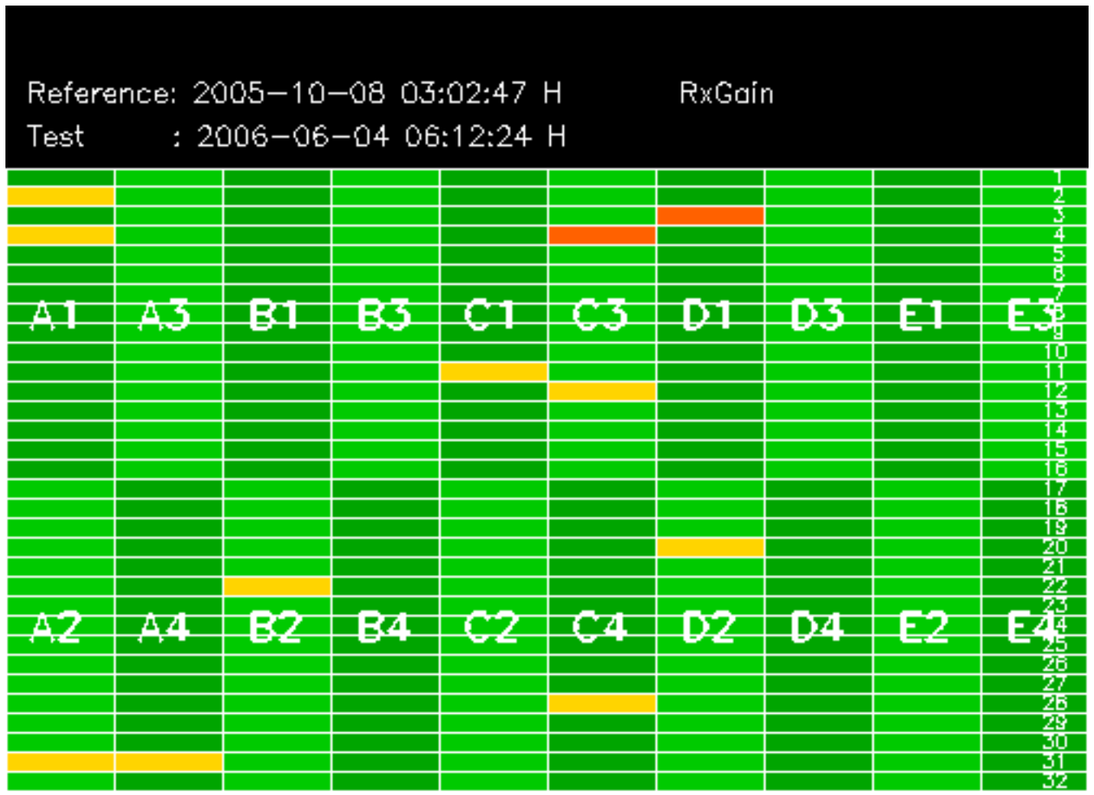

Doppler difference, estimated−predicted 'WVS' 'IS2' ascending −error mean of −8.2812463 Hz
−100Hz
+100Hz

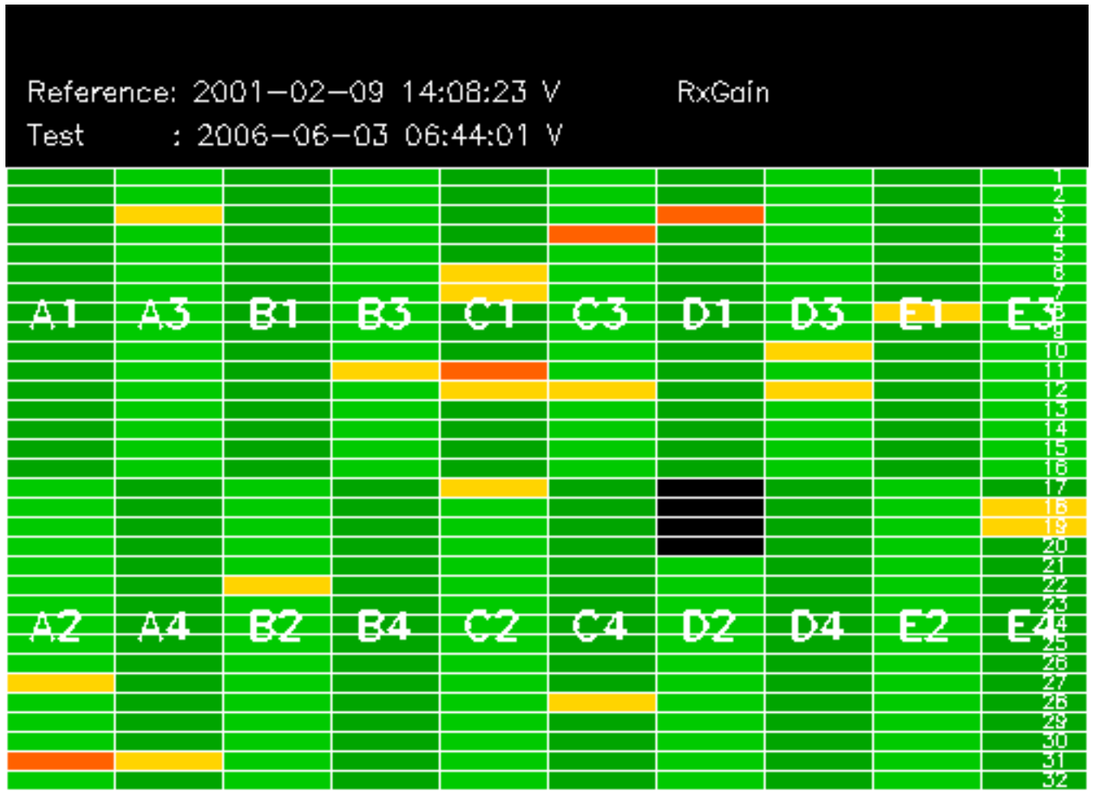

Doppler difference, estimated−predicted 'WVS' 'IS2' descending −error mean of −10.568609 Hz
−100Hz
+100Hz

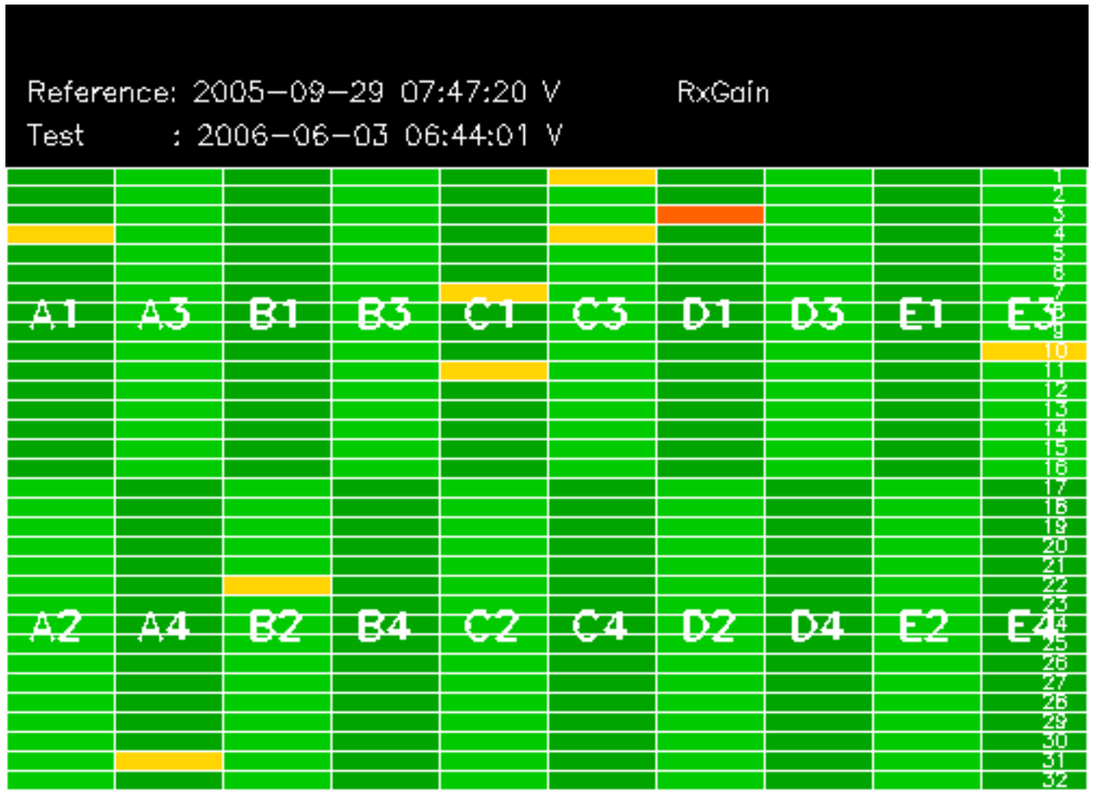
No anomalies observed on available MS products:

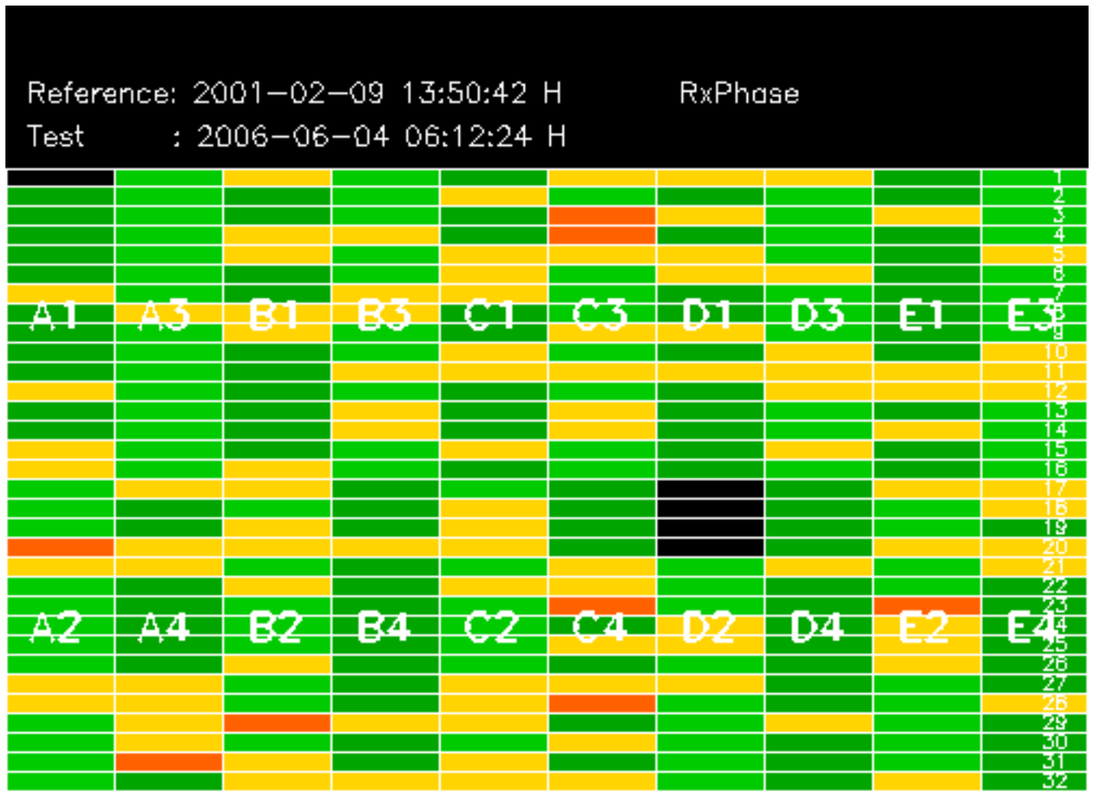
No anomalies observed.

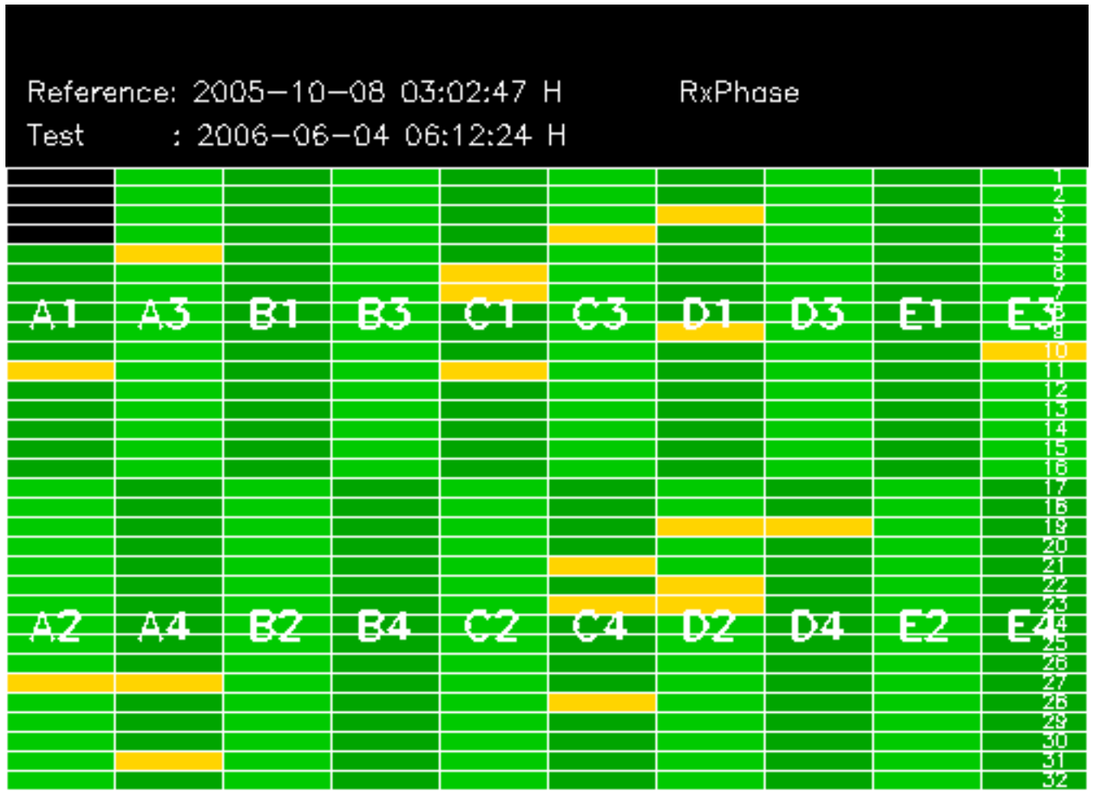

Reference: 2001-02-09 13:50:42 H
Test : 2006-06-04 06:12:24 H
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4

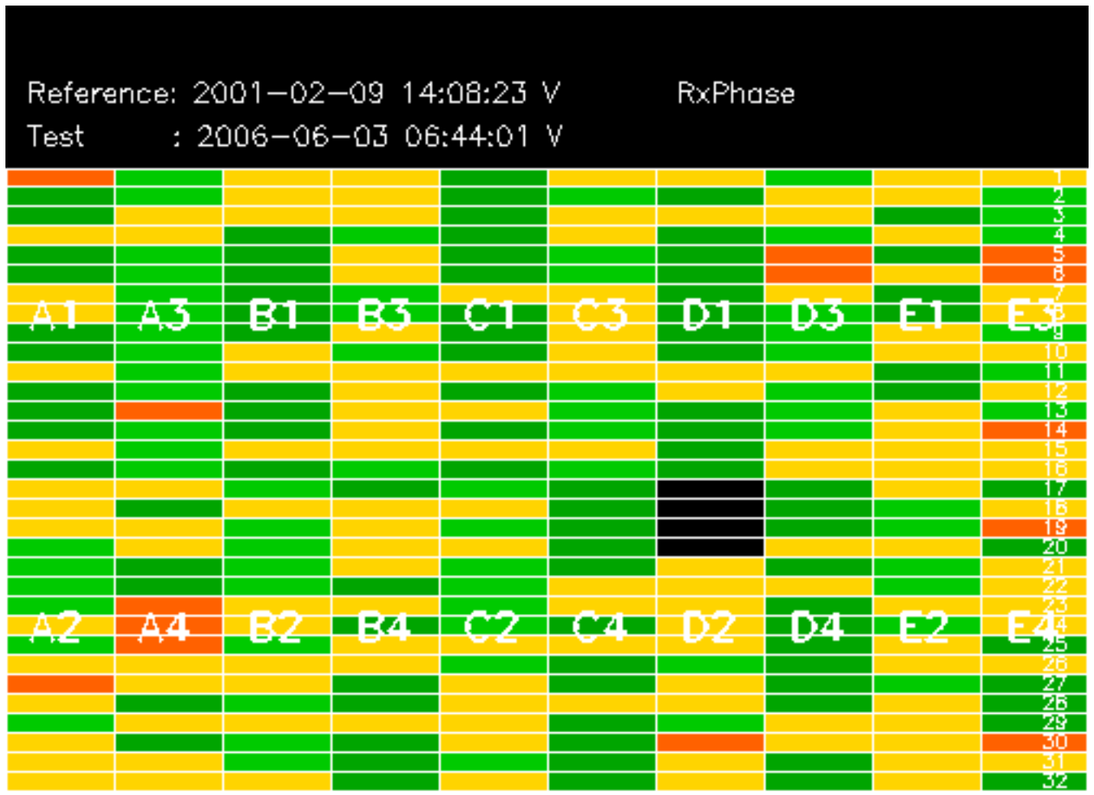

Reference: 2005-10-08 03:02:47 H
Test : 2006-06-04 06:12:24 H
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32

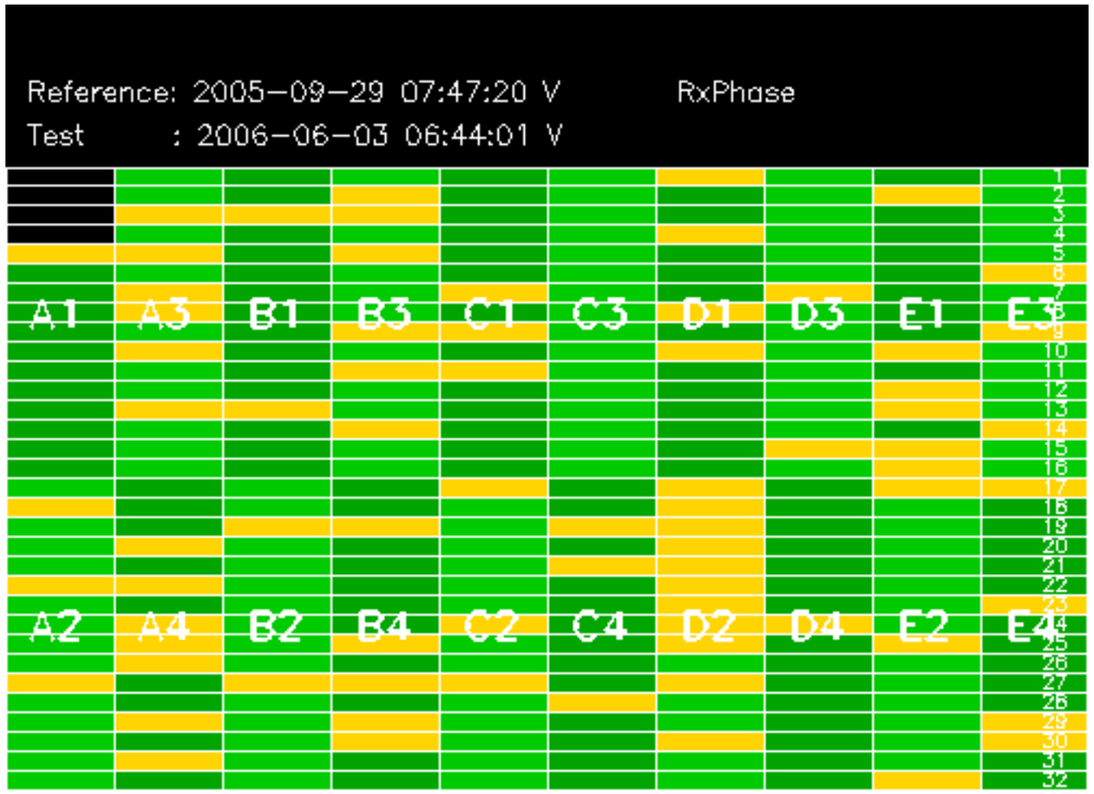

Reference: 2001-02-09 14:08:23 V
RxGain
Test : 2006-06-03 06:44:01 V
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32

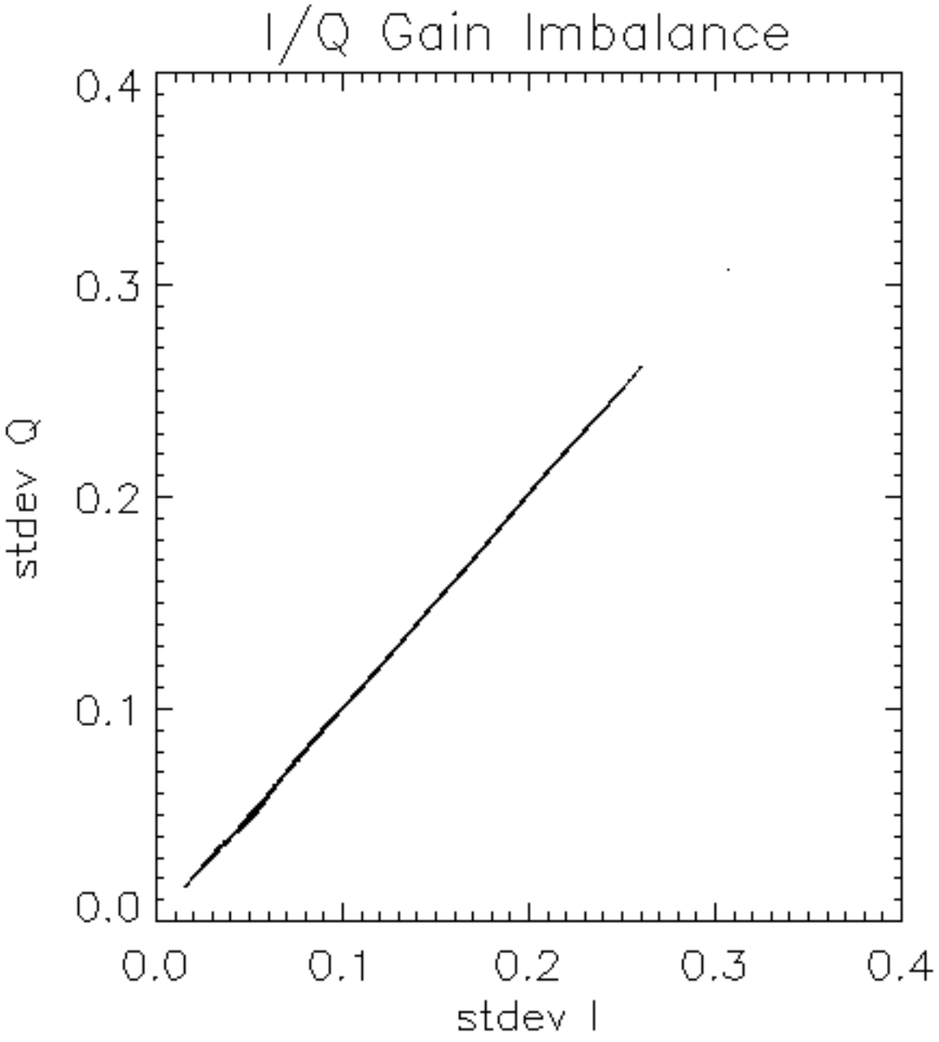

Reference: 2005-09-29 07:47:20 V
Test : 2006-06-03 06:44:01 V
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32

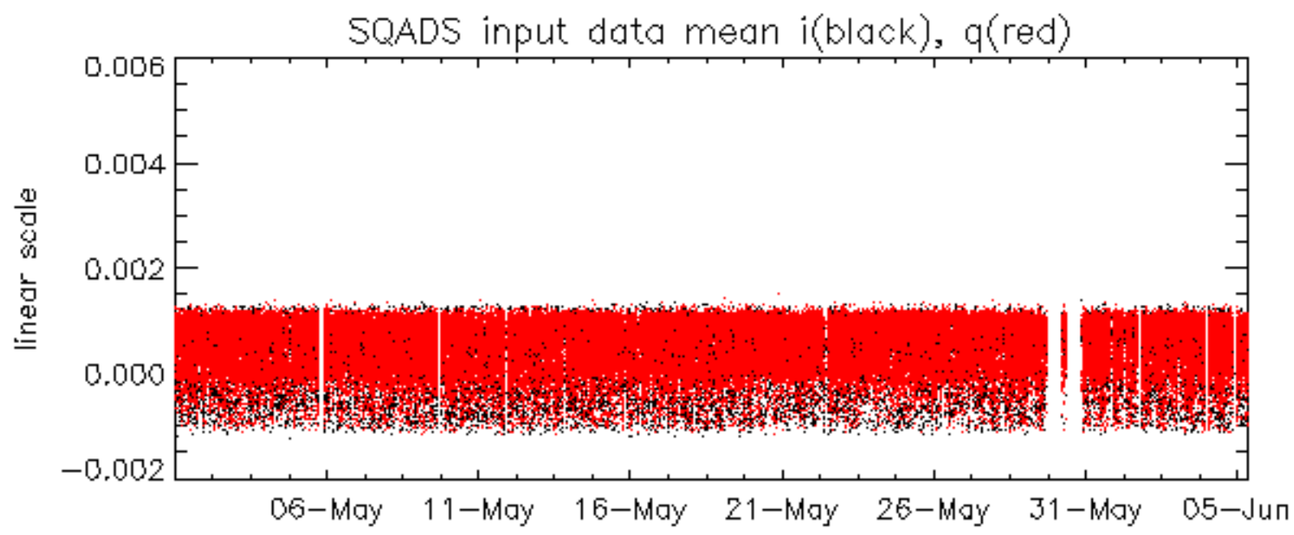

Reference: 2001-02-09 13:50:42 H
RxPhase
Test : 2006-06-04 06:12:24 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4

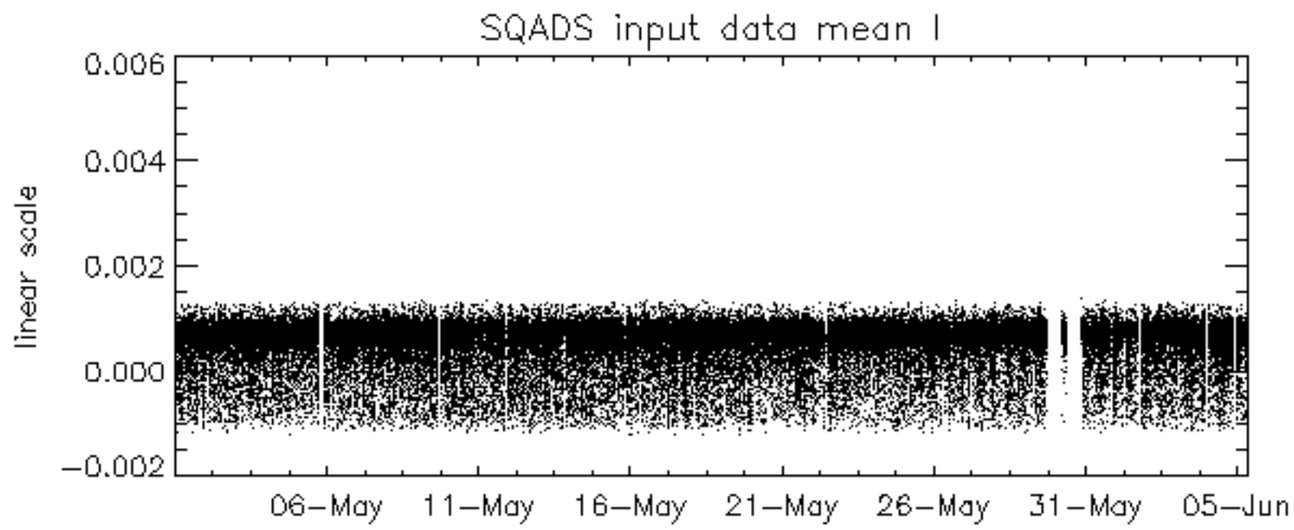

Reference: 2005-10-08 03:02:47 H
RxPhase
Test : 2006-06-04 06:12:24 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4

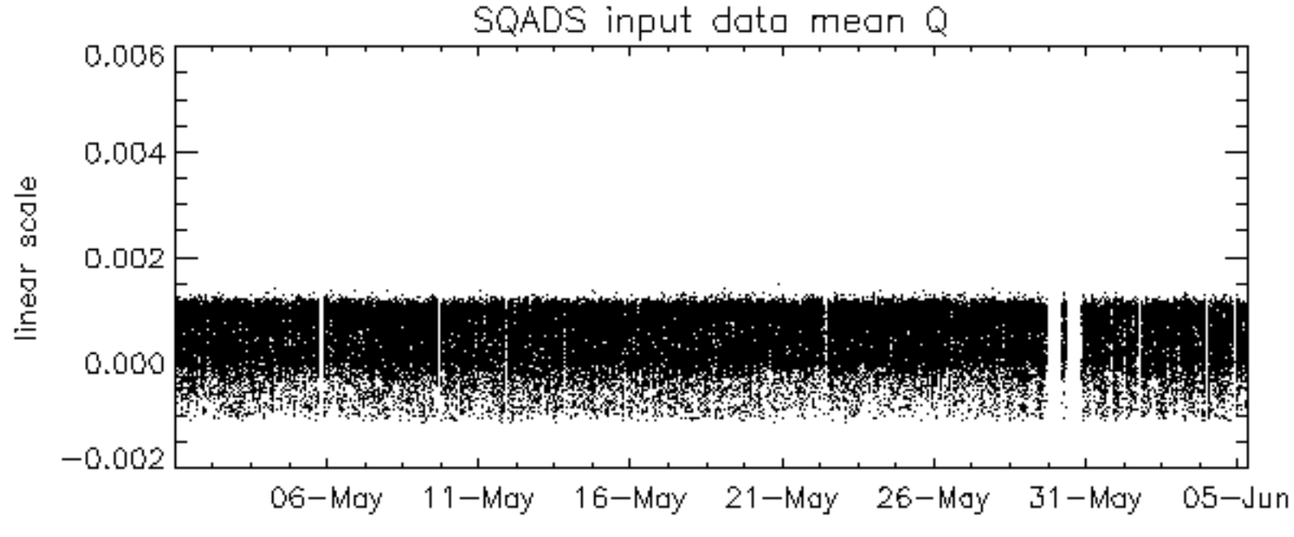

Reference: 2001-02-09 14:08:23 V
RxPhase
Test : 2006-06-03 06:44:01 V
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32

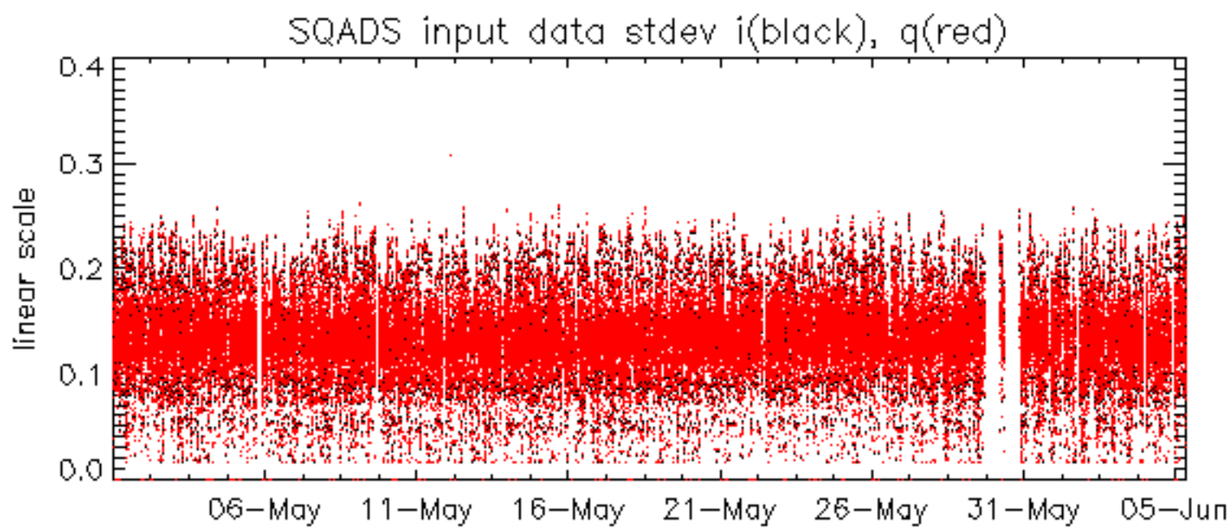

Reference: 2005-09-29 07:47:20 V
Test : 2006-06-03 06:44:01 V
RxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32

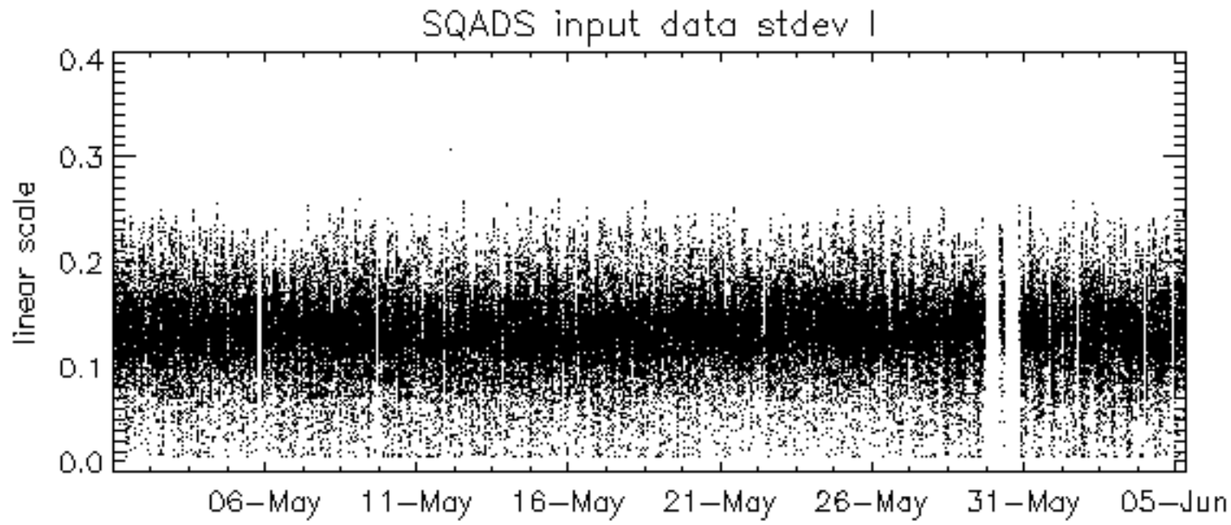

I/Q Gain Imbalance
0.4
0.3
0.2
0.1
0.0
stdev Q
0.0
0.1
0.2
0.3
0.4
stdev I

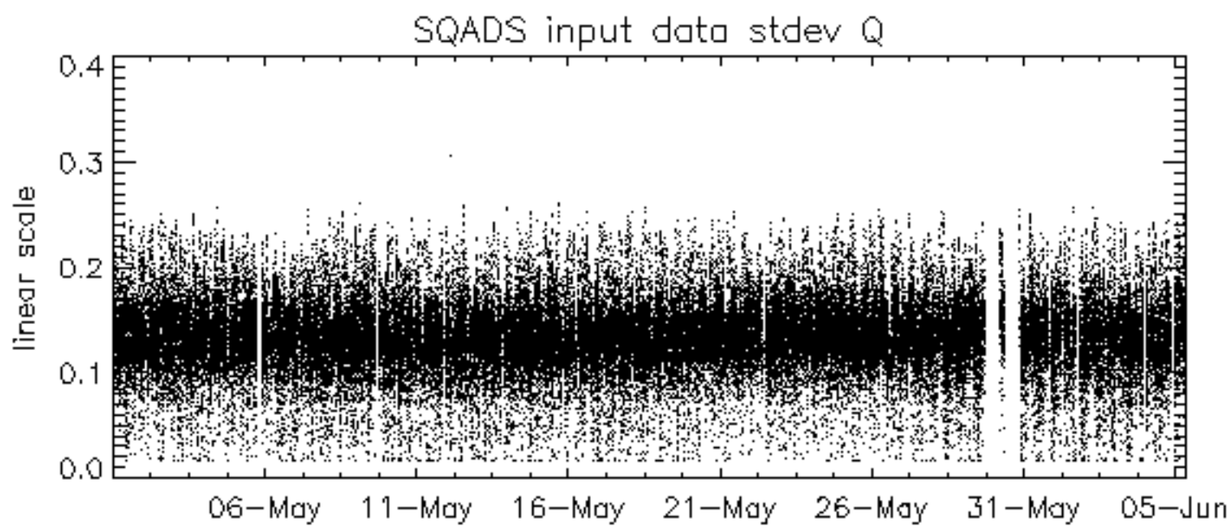

SQADS input data mean i(black), q(red)
linear scale
0.006
0.004
0.002
0.000
−0.002
06−May
11−May
16−May
21−May
26−May
31−May
05−Jun

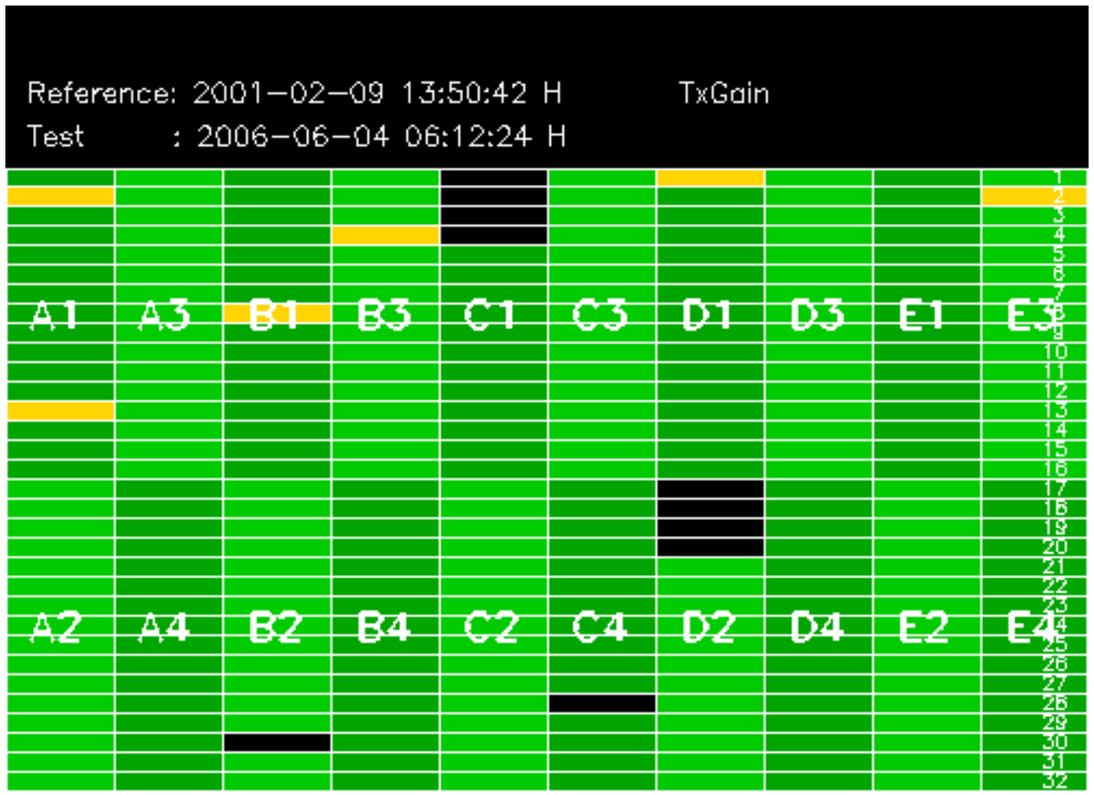

SQADS input data mean I
linear scale
0.006
0.004
0.002
0.000
−0.002
06−May
11−May
16−May
21−May
26−May
31−May
05−Jun

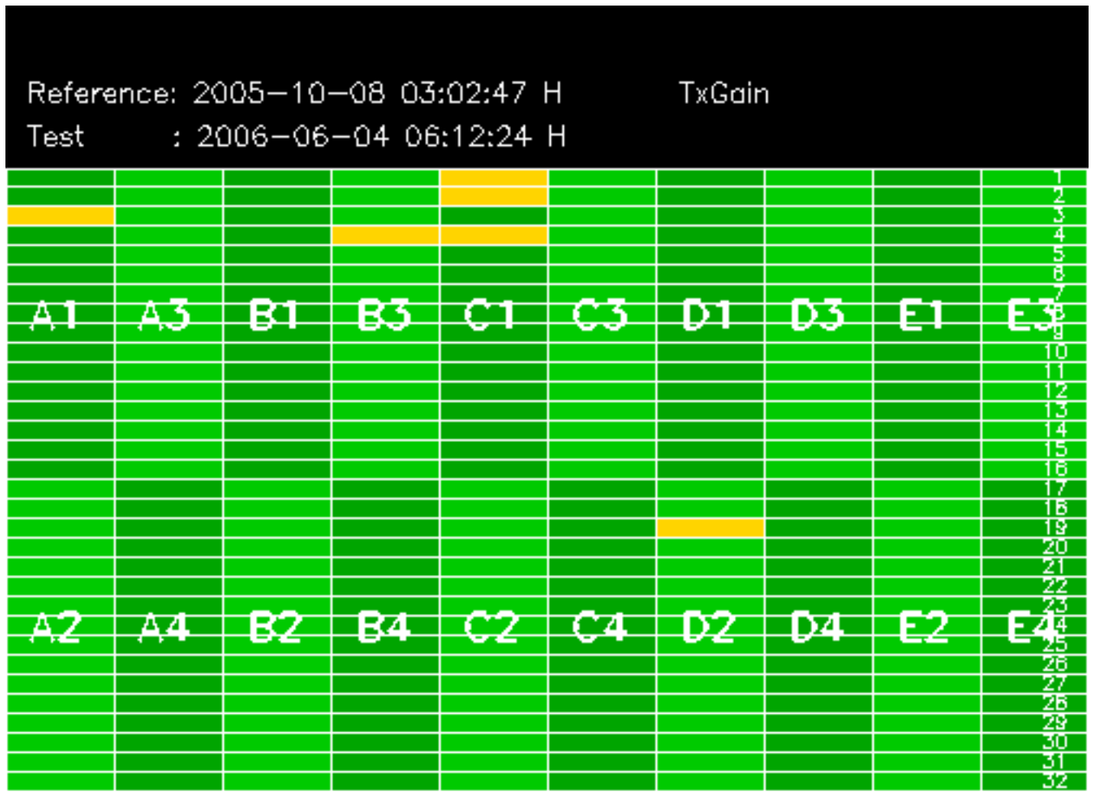

SQADS input data mean Q
linear scale
0.006
0.004
0.002
0.000
−0.002
06−May
11−May
16−May
21−May
26−May
31−May
05−Jun

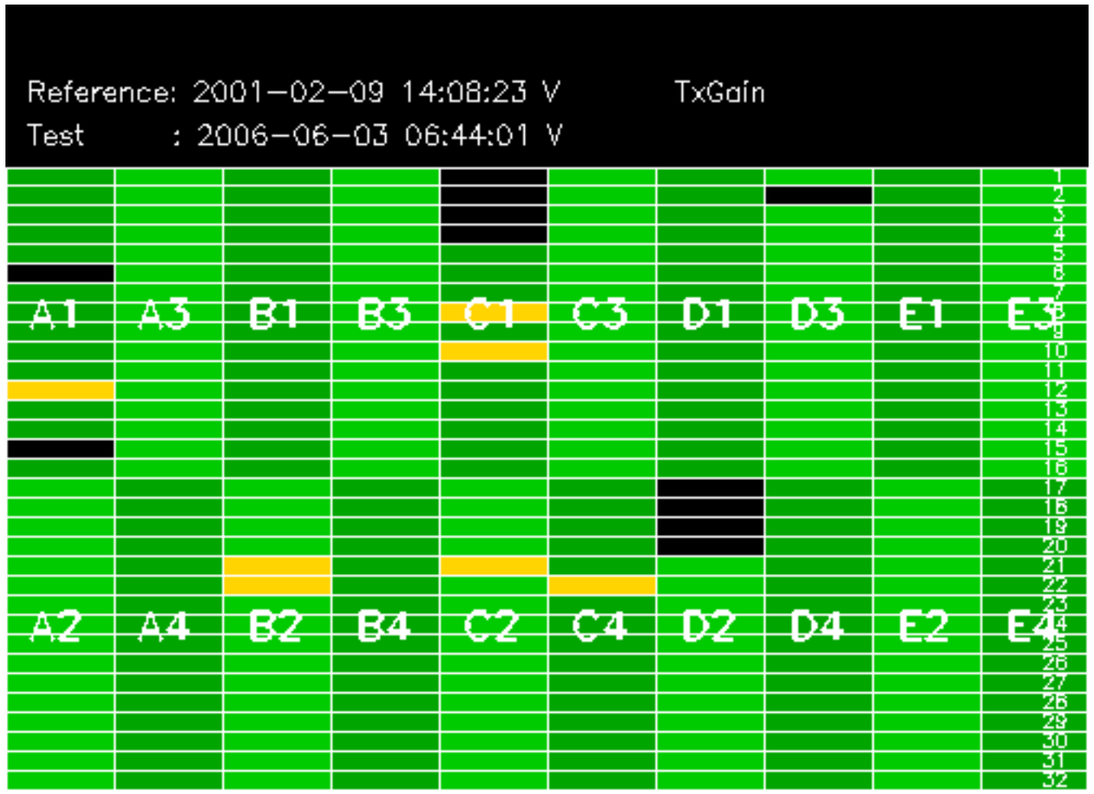

SQADS input data stdev i(black), q(red)
linear scale
0.4
0.3
0.2
0.1
0.0
06−May
11−May
16−May
21−May
26−May
31−May
05−Jun

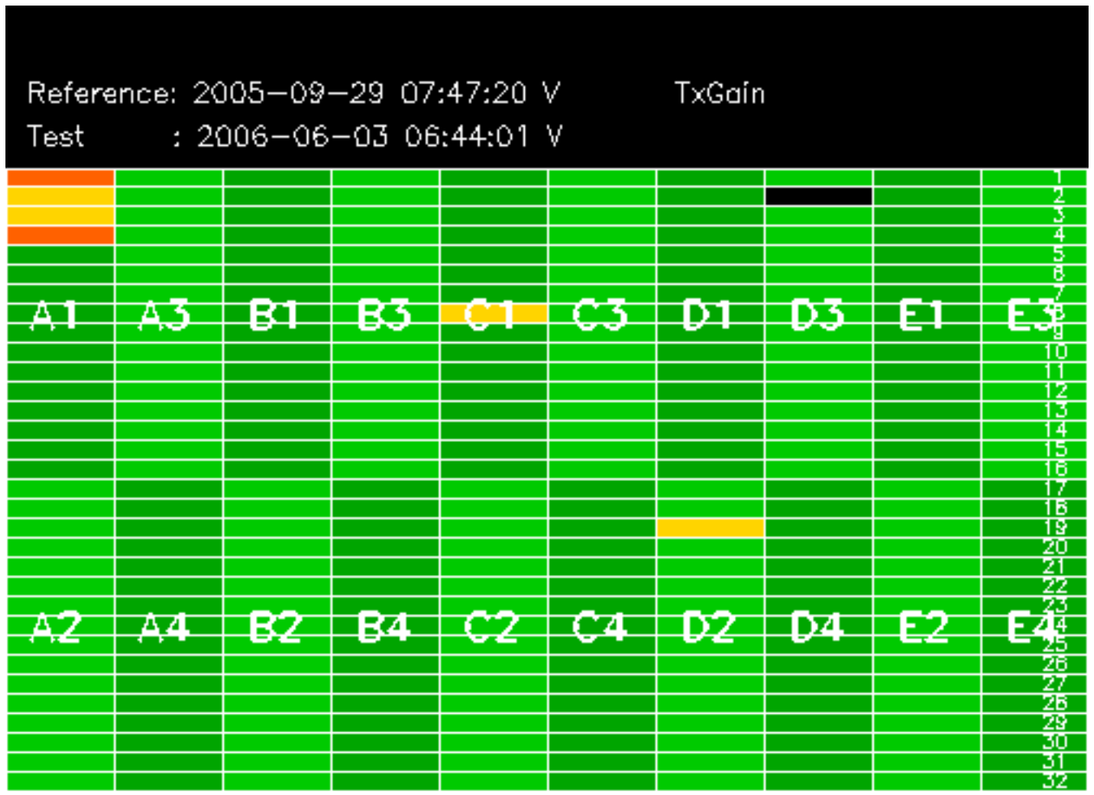

SQADS input data stdev I
linear scale
0.4
0.3
0.2
0.1
0.0
06−May
11−May
16−May
21−May
26−May
31−May
05−Jun


SQADS input data stdev Q
linear scale
0.4
0.3
0.2
0.1
0.0
06−May
11−May
16−May
21−May
26−May
31−May
05−Jun

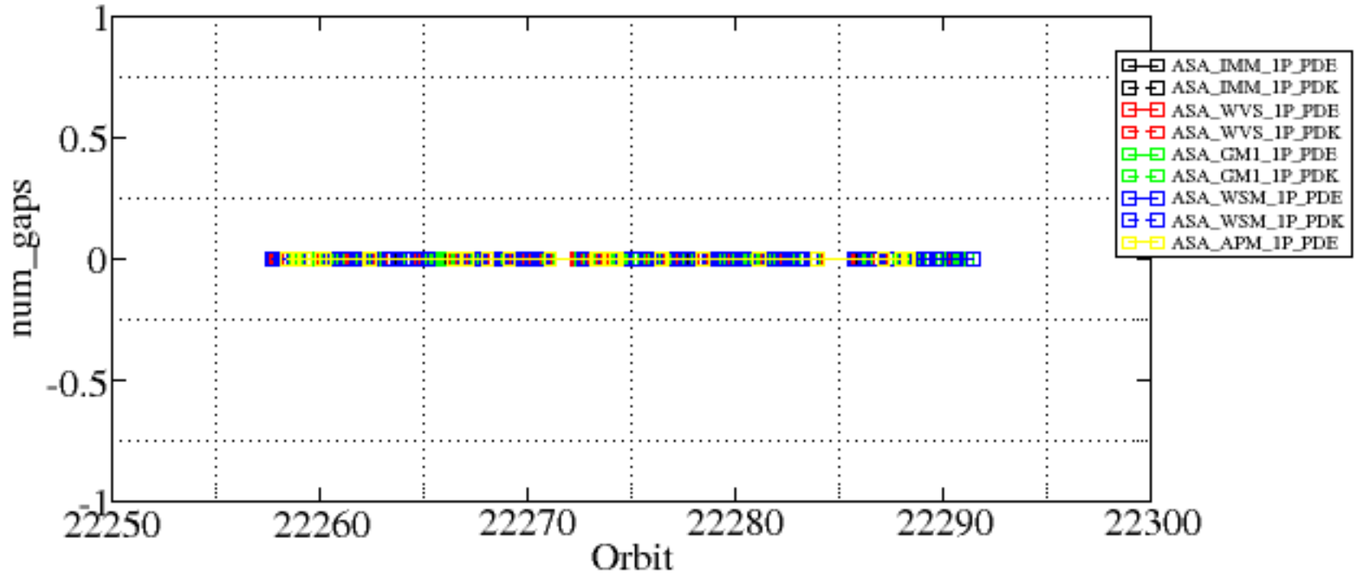

Reference: 2001-02-09 13:50:42 H
Test : 2006-06-04 06:12:24 H
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32

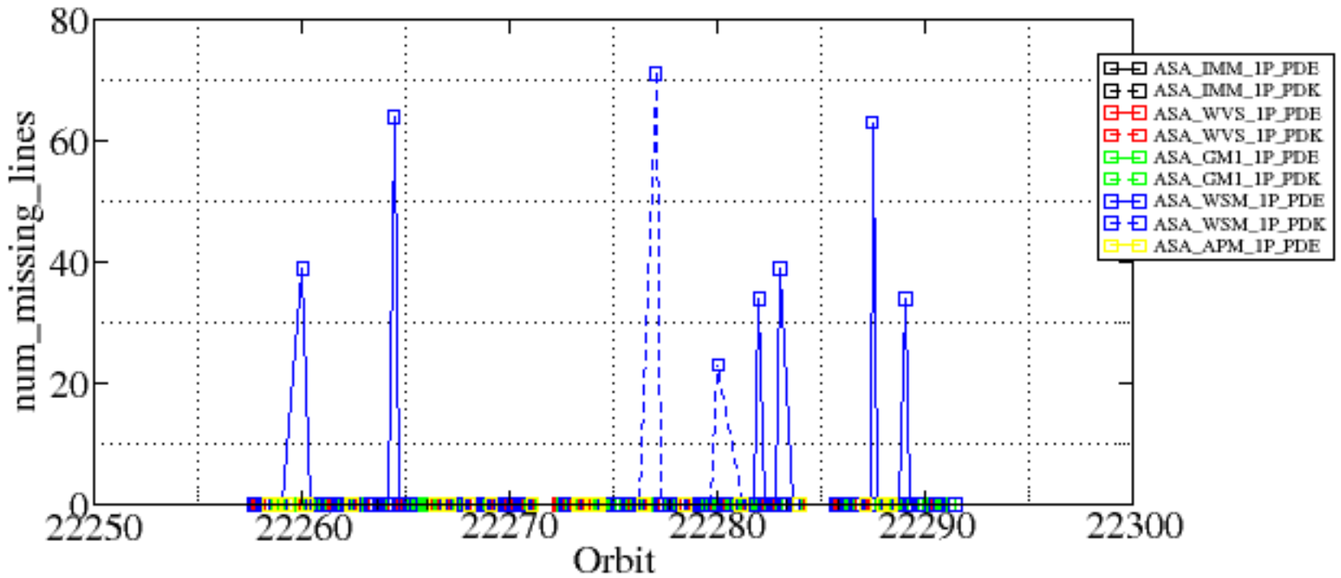

Reference: 2005-10-08 03:02:47 H
Test : 2006-06-04 06:12:24 H
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32

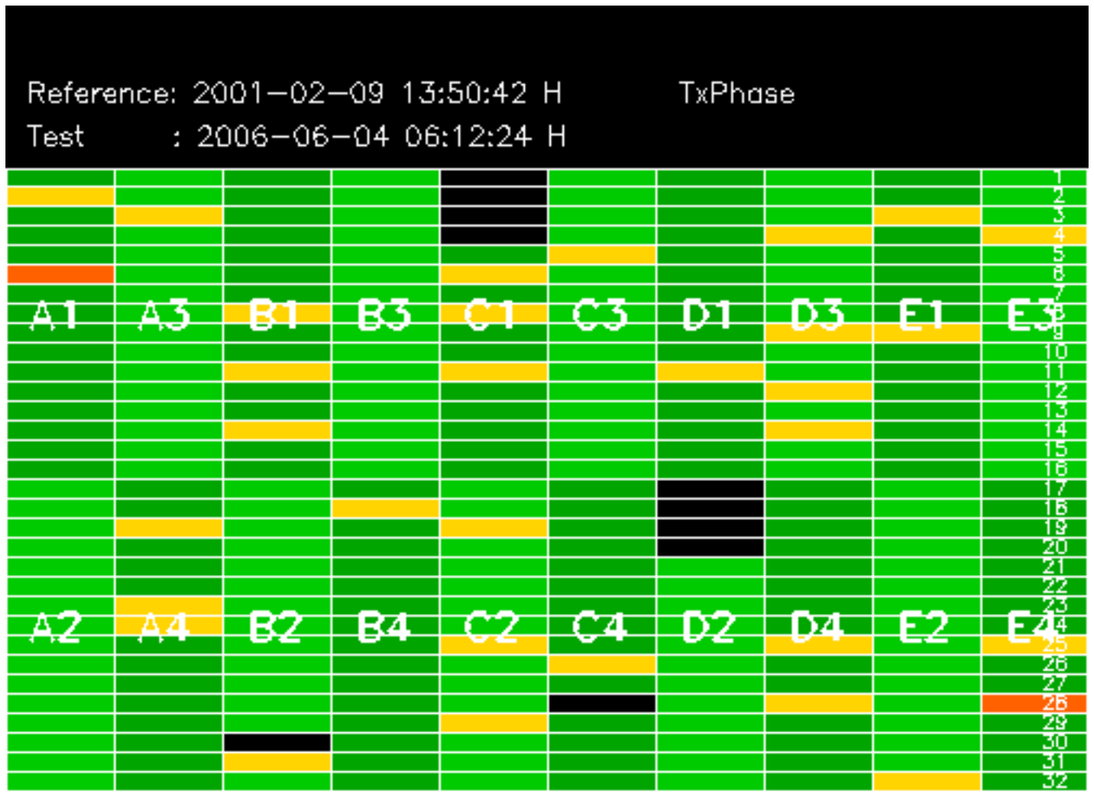

Reference: 2001-02-09 14:08:23 V
TxGain
Test : 2006-06-03 06:44:01 V
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4

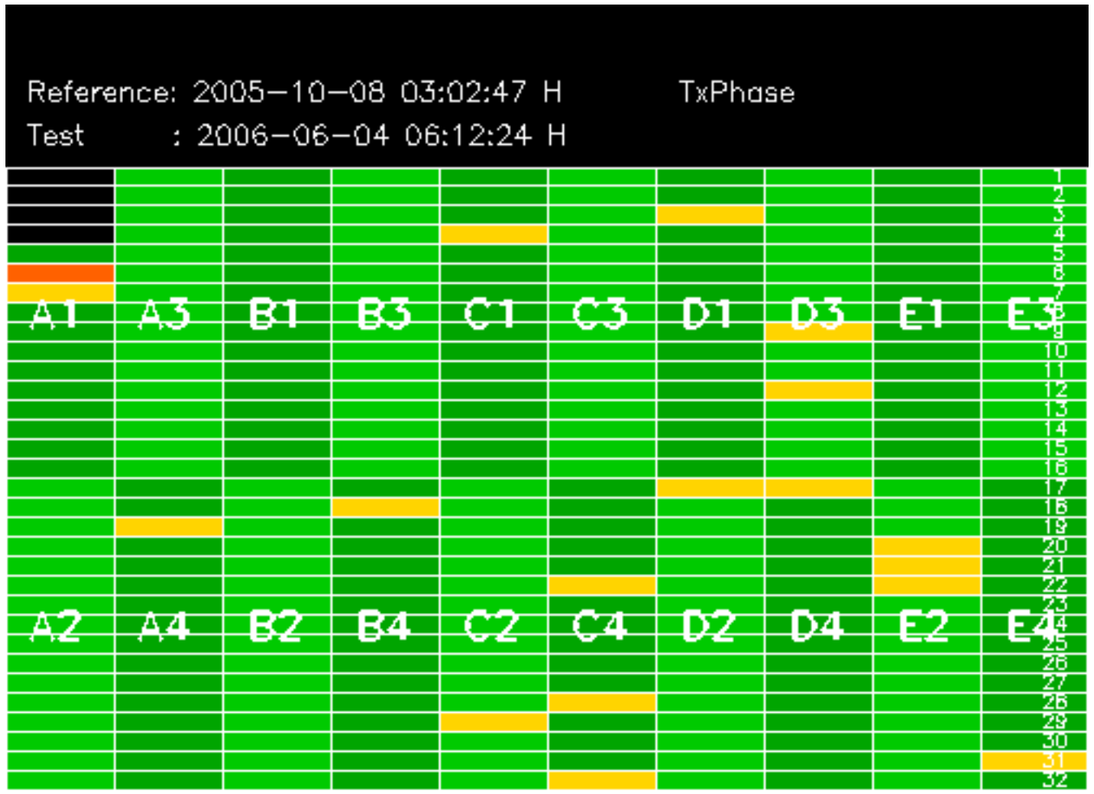

Reference: 2005-09-29 07:47:20 V
Test : 2006-06-03 06:44:01 V
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32

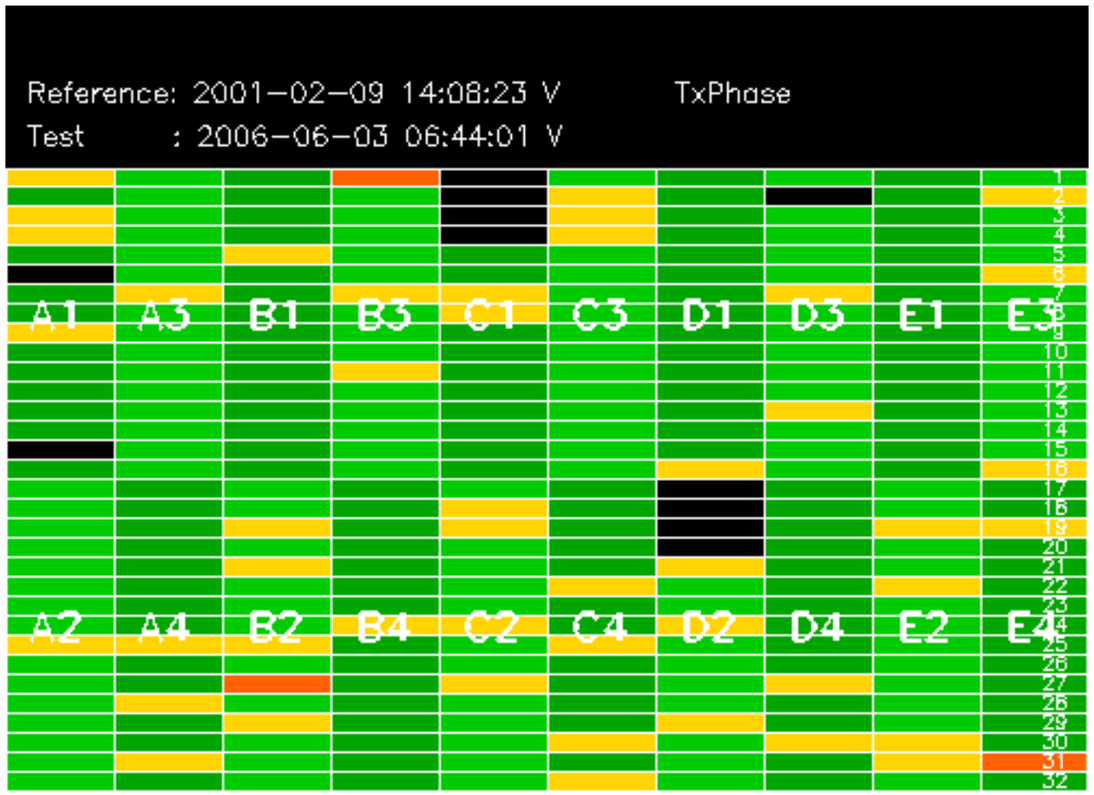
Summary of analysis for the last 3 days 2006060[345]
The assumptions is taken that the SQADS num_gaps and num_missing_lines fields are reliable indicators of telemetry problems
<table border=1>
<tr> <th>Filename </th><th> num_gaps</th><th>num_missing_lines</th></tr>
<tr> <td>ASA_WSM_1PNPDE20060603_035851_000000852048_00162_22260_2386.N1 </td> <td>0 </td> <td>39 </td></tr>
<tr> <td>ASA_WSM_1PNPDE20060603_112210_000002262048_00166_22264_2437.N1 </td> <td>0 </td> <td>64 </td></tr>
<tr> <td>ASA_WSM_1PNPDE20060604_165033_000000852048_00184_22282_2609.N1 </td> <td>0 </td> <td>34 </td></tr>
<tr> <td>ASA_WSM_1PNPDE20060604_183353_000000852048_00185_22283_2624.N1 </td> <td>0 </td> <td>39 </td></tr>
<tr> <td>ASA_WSM_1PNPDE20060605_015912_000000852048_00189_22287_2669.N1 </td> <td>0 </td> <td>63 </td></tr>
<tr> <td>ASA_WSM_1PNPDE20060605_043830_000001282048_00191_22289_2688.N1 </td> <td>0 </td> <td>34 </td></tr>
<tr> <td>ASA_WSM_1PNPDK20060604_083041_000000862048_00179_22277_6799.N1 </td> <td>0 </td> <td>71 </td></tr>
<tr> <td>ASA_WSM_1PNPDK20060604_133138_000002932048_00182_22280_6822.N1 </td> <td>0 </td> <td>23 </td></tr>
</table>

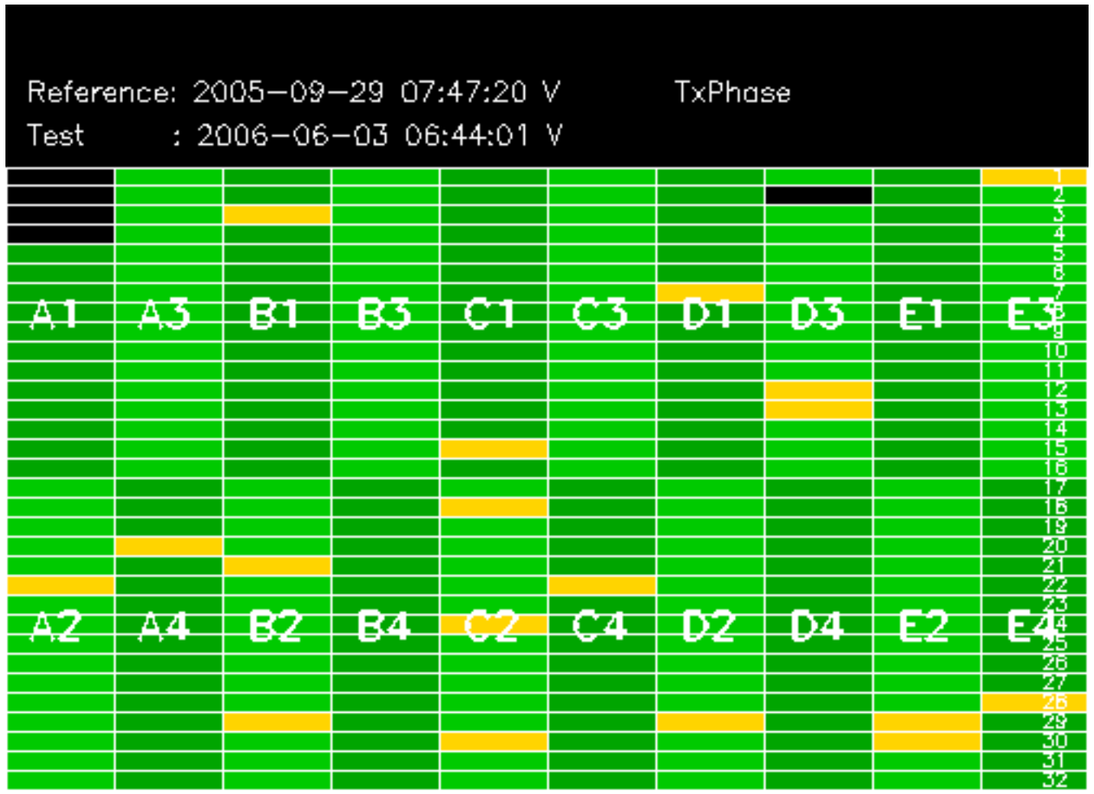

num_gaps
1
0.5
0
-0.5
-1
22250
22260
22270
22280
22290
22300
Orbit
ASA_IMM_1P_PDE
ASA_IMM_1P_PDK
ASA_WVS_1P_PDE
ASA_WVS_1P_PDK
ASA_GM1_1P_PDE
ASA_GM1_1P_PDK
ASA_WSM_1P_PDE
ASA_WSM_1P_PDK
ASA_APM_1P_PDE

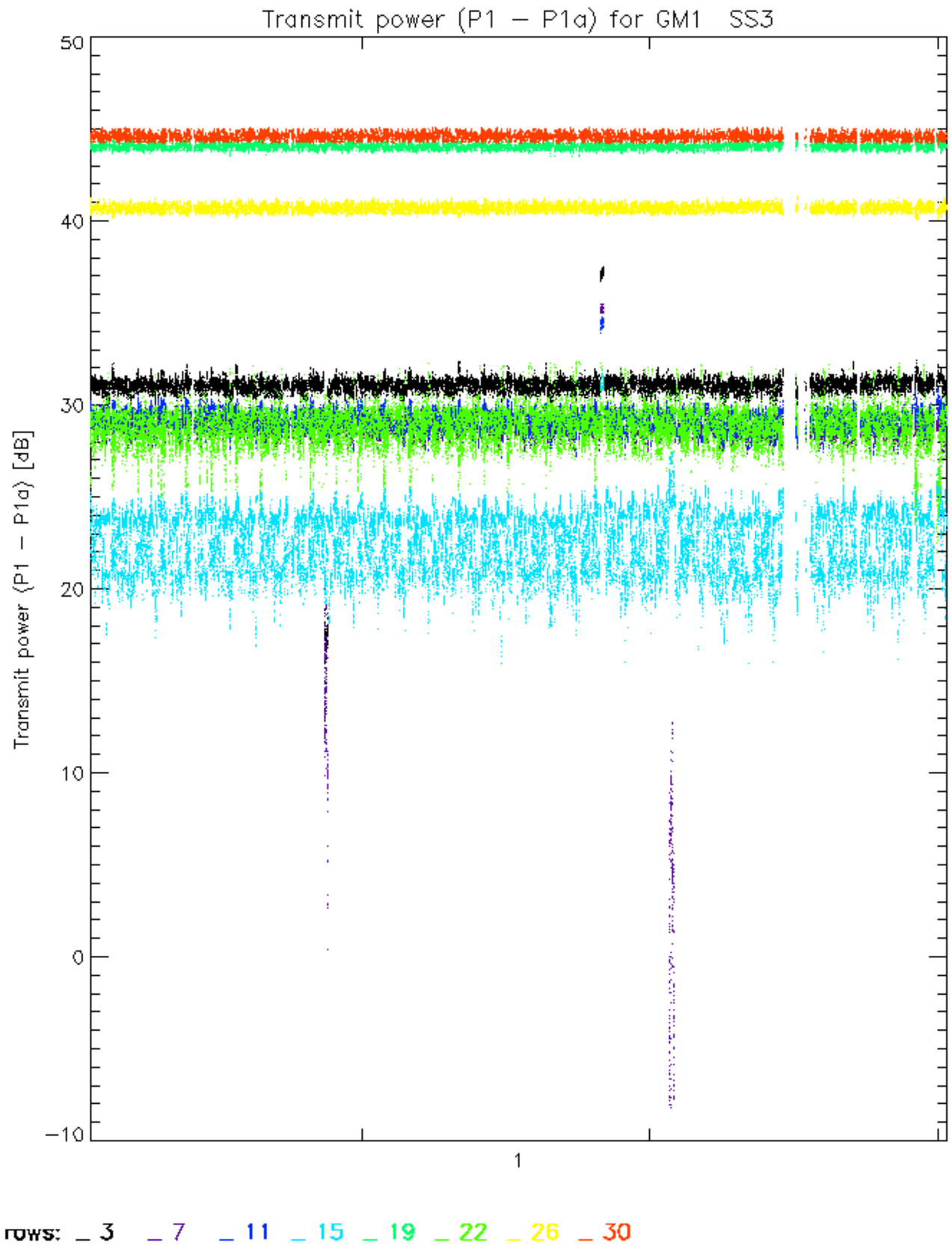

num_missing_lines
Orbit
0
20
40
60
80
22250
22260
22270
22280
22290
22300
ASA_IMM_1P_PDE
ASA_IMM_1P_PDK
ASA_WVS_1P_PDE
ASA_WVS_1P_PDK
ASA_GM1_1P_PDE
ASA_GM1_1P_PDK
ASA_WSM_1P_PDE
ASA_WSM_1P_PDK
ASA_APM_1P_PDE

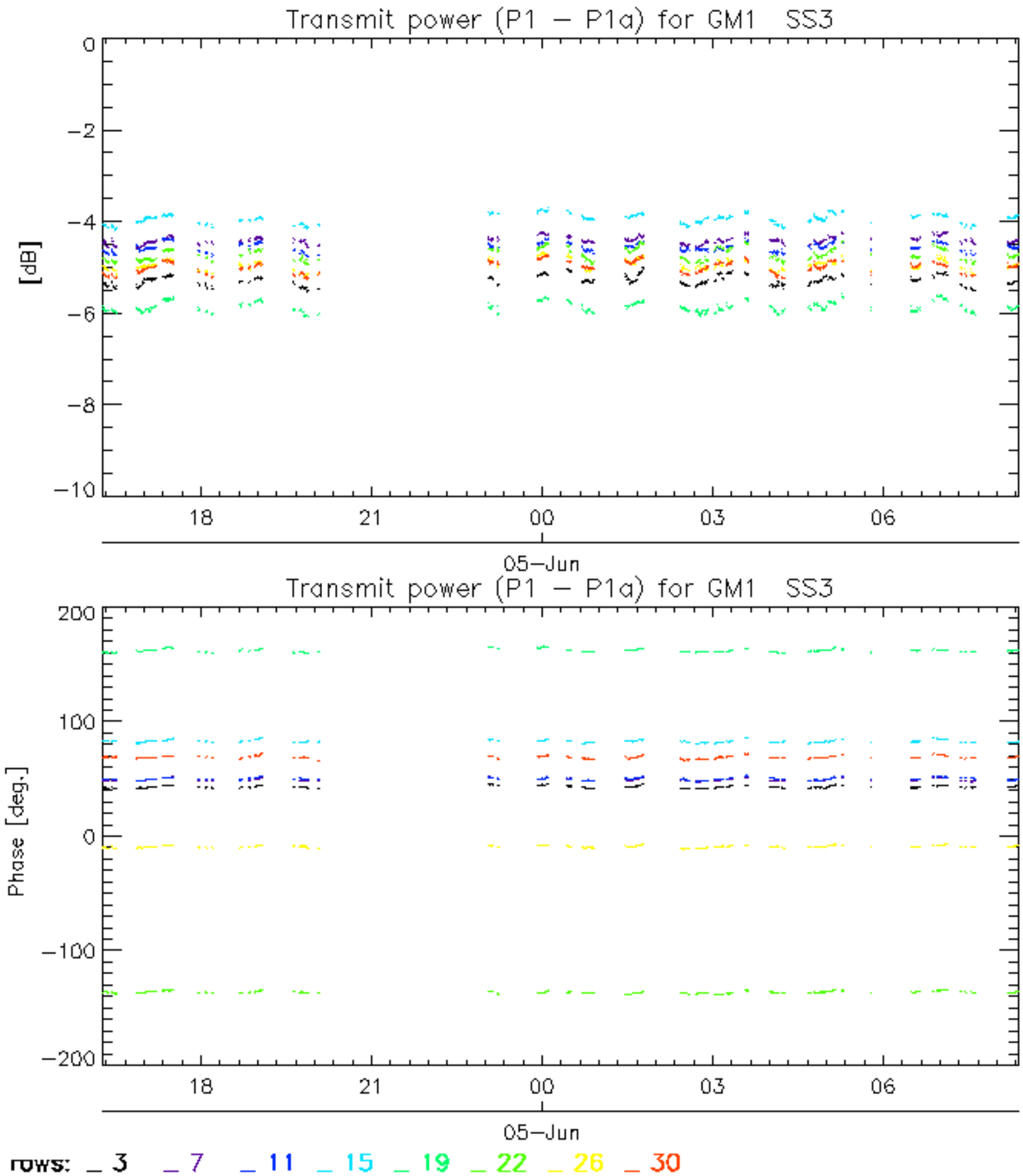

Reference: 2001-02-09 13:50:42 H
TxPhase
Test : 2006-06-04 06:12:24 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32

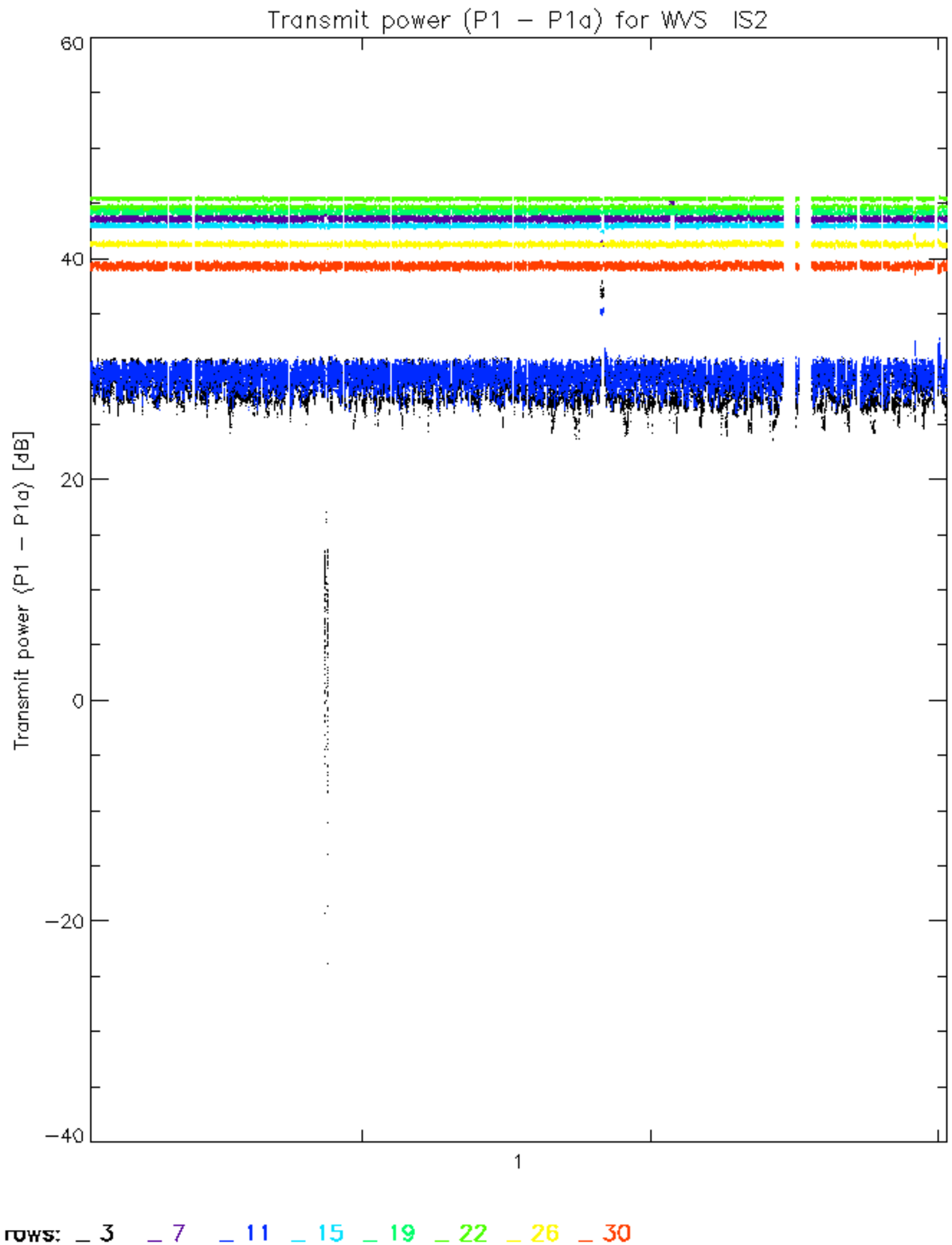

Reference: 2005-10-08 03:02:47 H
TxPhase
Test : 2006-06-04 06:12:24 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32

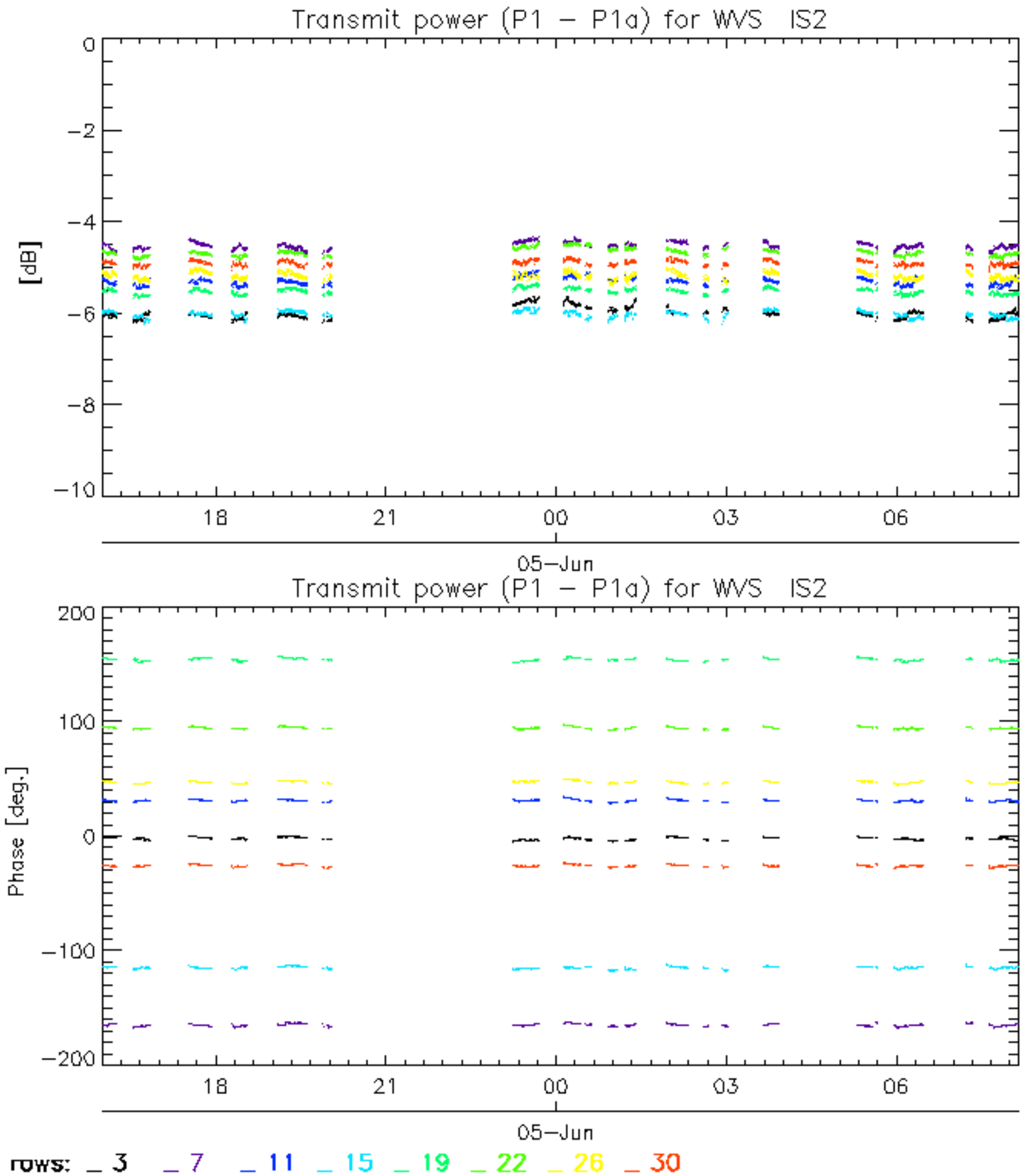

Reference: 2001-02-09 14:08:23 V
TxPhase
Test : 2006-06-03 06:44:01 V
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32


Reference: 2005-09-29 07:47:20 V
Test : 2006-06-03 06:44:01 V
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32


Transmit power (P1 – P1a) for GM1 SS3
Transmit power (P1 – P1a) [dB]
50
40
30
20
10
0
−10
1
rows: 3 7 11 15 19 22 26 30


Transmit power (P1 – P1a) for GM1 SS3
0
−2
−4
−6
−8
−10
[dB]
18
21
00
03
06
05–Jun
Transmit power (P1 – P1a) for GM1 SS3
200
100
0
−100
−200
Phase [deg.]
18
21
00
03
06
05–Jun
rows: 3 7 11 15 19 22 26 30


Transmit power (P1 – P1a) for WVS IS2
Transmit power (P1 – P1a) [dB]
60
40
20
0
−20
−40
1
rows: 3 7 11 15 19 22 26 30


Transmit power (P1 – P1a) for WVS IS2
0
−2
−4
−6
−8
−10
[dB]
18
21
00
03
06
05–Jun
Transmit power (P1 – P1a) for WVS IS2
200
100
0
−100
−200
Phase [deg.]
18
21
00
03
06
05–Jun
rows: 3 7 11 15 19 22 26 30

No unavailabilities during the reported period.